Extra! Super video titling and presentation guide ... p25

Tutorials: Imagine 3.0 | OctaMED | Amiga E | Sound Lab | Comms

AMIGA MAGAZINE

March 1996

VROOOM!

Pulsating games and fast applications for 1996 ...
New publishers • New projects • New beginnings!

WORTH £100* FULL PACKAGE!

*Source: Oxxi

Exclusive first look: ALIEN BREED 3D II

060 for A1200: The Blizzard 1260 zooms in

The Line King? Wordworth 5 on test

Back to Basic: Blitz 2 meets our hacker

No disks ? Ask your Newsagent now.

GAMES

- Xtreme Racing (fab!)
- Gloom Deluxe
- Airbus A320 II (zzzzz)
- Super Skidmarks Extra
- SS2 Turbo

An EMAP Images Publication £4.50

03>

9 770963 009051

US$10.00 • L17,000 • ASCH175 • BFR 390 • DM 20.00

XL 1.76MB

XL DRIVE **£79.95**

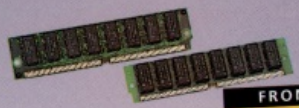
INT.DRIVES

FROM **£30.95**

SYQUEST EZ

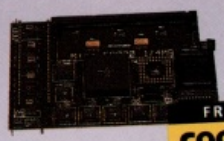
EZ 135MB **£239**

GVP RAM



FROM **£159**

68020EC



FROM **£99.95**

MEGACHIP

MEGACHIP **£159**

MEMORY

FROM **£24.95**

SUPER XL DRIVE

The Super XL Drive allows you to store 3.5MB on a high density disk.

3.5 SUPER XL DRIVE **£129.95**

1.76 XL DRIVE

The XL Drive allows you to store a 1.76MB on a high density disk.

1.76 XL DRIVE EXTERNAL ... **£79.95**
1.76 XL DRIVE INTERNAL **£75**
1.76 XL DRIVE A4000 ..... **£75**
PC88OB EXT.POWER DRIVE .. **£49.95**

INTERNAL DRIVES

PC881 A500 ..... **£30.95**
PC882 A2000 ..... **£35.95**
PC883 A600/1200 ..... **£35.95**

HARD DRIVES

1 GIGABYTE 3.5 SCSI **£259**
1 GIGABYTE 3.5 SCSI EXTERNAL **£335**

MICROPOLIS

2 GIGABYTE 3.5 SCSI ..... **£CALL**
4 GIGABYTE 3.5 SCSI ..... **£CALL**
9 GIGABYTE 3.5 SCSI ..... **£CALL**

HITACHI

340MB 2.5 IDE ..... **£CALL**
510MB 2.5 IDE ..... **£CALL**
810MB 2.5 IDE ..... **£CALL**
1 GIGABYTE 2.5 IDE ..... **£CALL**

OTHERS

120MB 2.5 IDE **£95**

M-TEC HD

External IDE hard disk for the A500 comes complete with an internal ROM switcher, and upgradable to 4MB RAM

M-TEC AT500 BARE **£99**
PLEASE CALL FOR HD SIZES
MEMORY REQUIRES 30-PIN SIMMS

OVERDRIVE HD

External PCMCIA 3.5" IDE hard disk

OVERDRIVE BARE **£99**
OVERDRIVE 420MB **£259**

ZIP DRIVE

ZIP DRIVE 100MB SCSI **£179.95**
100MB DISKETTE **£15.95**

ZIP DRIVE REQUIRES SQUIRREL SCSI INTERFACE

NEW PRODUCT

SYQUEST EZ135

The Syquest EZ135 drive is an ideal storage device. The EZ Drive stores 135MB on a single 3.5" cartridge and has a seek time of 13.5ms. Comes complete with one 135MB cartridge. (A SCSI interface is required)

SYQUEST EZ135MB **£239.95**
135MB CARTRIDGE ..... **£CALL**

VIDEO BACKUP 3

Backup to 520MB onto a 4hr VHS tape. Version 3 has new backup modes for Amiga's with a 68020 or higher CPU.

VIDEO BACKUP SCART **£65**
VIDEO BACKUP PHONO **£60**
UPGRADE TO VERSION 3 ..... **£20**

FLOPPY EXPANDER

Save 1.5MB on a standard floppy drive and 3MB when used in conjunction with the XL Drive 1.76.

FLOPPY EXPANDER **£10**

DISK EXPANDER

Disk Expander can add upto to 50% to your hard drive capacity and works with all drives including SCSI, IDE, Floppies and even the RAM disk. Disk Expander works on any Amiga with any Kickstart.

DISK EXPANDER **£19.95**

EXTERNAL CASES

SCSI case suitable for CD-ROM/HD/DAT and Optical drives.

5.25" SCSI or IDE CASE **£79.95**
3.5" SCSI or IDE CASE **£79.95**

SX-32

SX-32 is an internal add-on card for your CD32 and features: VGA port, RGB port, parallel port, serial port, external disk drive port (1.76MB), clock, controller for 2.5" hard disk, and a SIMM socket (up to 8MB). Turn your CD-32 into a A1200.

SX-32 MODULE **£199.95**

CHIPS & SPARES

256 x 32 SIMM 72-PIN (1MB) **£40**
512 X 32 SIMM 72-PIN (2MB) **£75**
1 X 32 SIMM (4MB) **£125.95**
2 X 32 SIMM (8MB) **£235.95**
4 X 32 SIMM (16MB) **£499.95**
1 X 8 SIMM 32-PIN (1MB) **£30**
4 X 8 SIMM 32-PIN (4MB) **£139**
1 X 4 STATIC COLUMN A3000 .... **£25**
1 X 4 DIP **£25**
256 X 4 DIP **£5**
1 X 1 DIP **£5**
CIA **£12**
GARY **£19**
PAULA **£19**
DENISE **£19**
SUPER DENISE **£25**
KEYBOARD IC **£12**
FAT AGNUS 1MB **£19**
FAT AGNUS 2 MB **£29**
PRINTER CABLE **£6**
RS232 CABLE **£6**
SCSI EXTERNAL **£15**
WORKBENCH 3.1 A500/2000 .... **£85**
WORKBENCH 3.1 A3000/4000 ... **£95**
ROM SHARE DEVICE **£19**
2.04 ROM CHIP **£25**

FOR ANY SPARES REQUIRED PLEASE CALL

GVP HC-8 SCSI

SCSI hard card which can fit 8MB of RAM on-board.

HC-8 SCSI CARD **£99**

GVP G-LOCK

Award winning Amiga Genlock.

G-LOCK AMIGA GENLOCK **£259**

IO-EXTENDER

Zorro II card that provides an additional serial port, parallel port and connection for optional RS422 and RS232 port. Call for details

ioEXTENDER **£59**

GVP RAM

Official GVP RAM SIMMs.

4MB GVP RAM **£159**
16MB GVP RAM **£549**

A2000 68060

A 68060 accelerator board for the A2000 running at 50MHz and allowing upto 128MB of user installable memory and a SCSI-II hard disk controller.

A2000 68040 (0MB RAM) ..... **£TBA**
A2000 68060 (0MB RAM) ..... **£TBA**
4MB STANDARD ADD **£125.95**
4MB GVP ADD **£159**

SPECIAL OFFER

MODEMS

ACEEX V32 BIS 14.4 NOT BT APPROVED . **£99**
X-LINK TRUE V34 28.8 BT APPROVED **£229.95**
TRAPFAX MODEM SOFTWARE ... **£49**
ALL MODEMS INCLUDE SOFTWARE AND CABLES

HI-SOFT

SQUIRREL SCSI INTERFACE ... **£59.95**
AURA **£79.95**
MEGALOSOUND **£29.95**

squirrel scsi interface included where you see this logo

SURF SQUIRREL

Surf Squirrel offers an even higher SCSI performance, auto-booting, and ultra-fast serial port. Surf Squirrel is the ideal expansion peripheral for your Amiga 1200. Please call for more information.

SURF SQUIRREL ..... **£POA**

SQUIRREL MPEG

Squirrel MPEG allows you to play VideoCD and CDI CD-ROM's, Squirrel MPEG brings high quality digitally mastered images and 16-bit stereo sound to you and your Amiga.

SQUIRREL MPEG ..... **£POA**

RAM EXPANSION

A 2MB RAM board for the A500 which fits in the trap door slot.

A500 2MB RAM £90

MEMORY CARDS

512K RAM WITH CLOCK £24.95
512K RAM WITHOUT CLOCK £19.95
A600 1MB RAM £39.95
A500+ 1MB RAM £29.95

MEGACHIP RAM

Increase your Amiga 500/2000 chip RAM to a total of 2MB. MegaChip does this by using its own 2MB RAM and also now includes a 2MB Fat Agnus. No soldering is required.

MEGACHIP RAM £159.95

A500 68020EC

A 68020 EC processor accelerator card for the A500 and A500+, with an option to fit a 68881 or 68882 co-processor (PLCC or PGA). This card can fit upto 4MB FAST RAM and is fully auto-configuring.

NOT COMPATIBLE WITH GVP HARD DRIVE

A500 68020 EC 0MB RAM £99.95
A500 68020 EC 4MB RAM £239.95

PRINTERS/MONITORS

MICROVITEC 1438 14" £289
EPSON STYLUS.INC.PAPER £489
EPSON STYLUS PRO XL A3+ £1499
EPSON STYLUS/PRO XL INCLUDE STUDIO II SOFTWARE
STUDIO II SOFTWARE £49.95

VGA ADAPTOR

VGA ADAPTOR £15

GLIDEPOINT

Intuitive cursor control at your finger tips ,'Tap' for an instant selection. Connects to the Serial port. (This is not a graphics tablet)

ALPS GLIDEPOINT £59.95

POWER TABLET

Pen and cursor controlled graphic tablet, including cables and software.

POWER TABLET 12 X 12 ..... £195.95
INCL. PEN, CURSOR AND POWER TAB S/W

GURU-ROM V6

A SCSI driver for all Series II host adaptors and accelerator cards for all Amiga computers. This ROM has a very fast transfer rate of up to 3.5MB/s, maximising your CPU processing time. Guru supports all SCSI device types including hard drives, CD-ROM drives, scanners, Syquest drives etc.Guru ROM is compatible with Amiga OS 1.3 through to 3.1 and is SCSI -1/SCSI-2 compatible. Please call for further information.

GURU-ROM V6 ..... £49.95

POWER SCANNER

The award winning Power Scanner includes the following features: Scan in 24-bit at upto 200DPI (all Amigas not just AGA)*, Scan in 256 greyscales at up to 400DPI (all Amigas), Thru'port for printer connection, Fully supports AGA chipset, Display HAM8/24-bit images on a non-AGA Amiga (via image conversion), full editing facilities included. Works with 2.04 ROM or above, min 1MB (recommend 2MB).

POWER SCAN 4 B/W £89.95
POWER SCAN 4 COLOUR £169.95
OCR (BOUGHT WITH SCANNER) £20
OCR SOFTWARE £49.95
POWER SCAN 4 S/W ONLY £20
PC INTERFACE + COL S/W £49.95
PC INTERFACE + B/W S/W £39.95

FLATBED SCANNERS

24-bit A4 flatbed scanners, complete with software, cables and manual.*

EPSON GT-5000 ..... £489.95
24-BIT, INC. POWERSCAN SOFTWARE
EPSON GT-8500 ..... £579.95
24-BIT, INC. POWERSCAN SOFTWARE
EPSON GT-9000 ..... £729.95
24-BIT, INC. IMAGE FX REV. 1.5 SOFTWARE
ADPRO SOFTWARE £149.95
IMAGE FX 2.0 S/W £149.95

SCANNER SOFTWARE

FLATBED POWERSCANNER S/W £35

GRAPHIC/VIDEO

PICASSO II 2MB RAM £249.95
INCLUDING TV PAINT JNR.
PICASSO II 2MB RAM £399.95
INCLUDING TV PAINT 2
VIDEO DAC £25
18-BIT GRAPHICS ADAPTOR

SCANDOUBLER II

ScanDoubler II is a full 24-bit AGA flicker fixer which automatically de-interlaces all AGA screen modes and scan doubles non-interlaced PAL/NTSC modes to allow VGA monitors to display them. Supports VGA, S-VGA and Multiscan monitors. Pixel sharp picture, even at 1440 horizontal resolution and has a standard 15-pin VGA type connector. Comes with composite video/S-VHS outputs.

SCAN DOUBLER II £399

PRO GENLOCKS

TBC-ENHANCER

Reduction of quality loss when copying, colour and contrast correction, suppression of colour drop-outs, elimination of basically any copy protection. The video signal is edited in professional 4:2:2 studio standard and is sychronized entirely new.

TBC-ENHANCER £919.95

NEPTUNE GENLOCK

Excellent picture quality, auto fade control, Alpha channel and optional software control.

NEPTUNE-GENLOCK £599.95

SIRIUS II GENLOCK

Just like the Neptune-Genlock, the new Sirius II combines excellent quality with user friendliness. In addition, this genlock disposes of blue-box keying, bypass, RGB-colour correction, a stereo-audio control with microphone input as well as an integrated test pattern generator for adjustment.

SIRIUS II GENLOCK £919.95

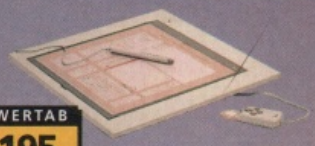
SCANNER

FLATBED FROM £489

POWERSCAN

FROM £89.95

POWERTAB



POWERTAB £195

GLIDEPOINT

GLIDEPOINT £59.95

phone orders
We accept most major credit cards and are happy to help you with any queries.

postal orders
Ordering by cheque/PO please make payable to **Power Computing Ltd** and specify which delivery is required.

warranty
All Power products come with a 12 month warranty unless otherwise specified.

technical support
Help is on hand with a full Technical Backup service which is provided for Power customers.

mail-order prices
All prices listed are for the month of publication only, call to confirm prices before ordering.

export orders
Most items are available at Tax Free Prices to non-EC residents. Call to confirm prices. BFPO orders welcome.

mail-order terms
All prices include VAT. Specifications and prices are subject to change without notice. All trademarks are acknowledged. All orders in writing or by telephone will be accepted only subject to our terms and conditions of trade, copies of which are available on request.

FOR ANY INFORMATION PLEASE CALL

NAME .....
ADDRESS .....
.....
.....
.....POSTCODE .....
TELEPHONE NO. .....

SYSTEM OWNED .....
DESCRIPTION .....
.....
.....
.....
TOTAL AMOUNT (inc. delivery) £ .....

CREDIT CARD NO. .....
EXPIRY DATE .....SIGNATURE .....

DELIVERY 2-3 DAYS £2.50 ☐ NEXT DAY £5 ☐ SAT £10 ☐

MINIMUM DELIVERY £2.50 ALLOW UP TO 7 DAYS FOR CHEQUES TO CLEAR

TEL: 01234 273000 FAX: 01234 352207
POWER COMPUTING LTD 44A/B STANLEY ST. BEDFORD MK41 7RW

POWER.

contents

CU AMIGA MAGAZINE • MARCH 1996

Features

VideoStage Pro 25

This month's incredibly versatile cover disk application is *VideoStage Pro*: turn your Amiga into a complete audio-visual presentation system. Our tutorial shows you how to get the most from this user-friendly package, with walk-through guides to creating a range of varied projects, from video titling to the weather forecast to interactive multimedia presentations!

Software '96 32

We investigate the state of the software industry in 1996, see what's due for release during the year and interview developers and publishers to find out what's really happening.

Games

PREVIEWS

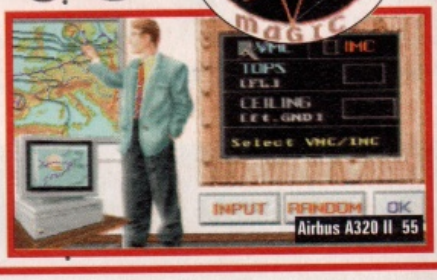
- **Alien Breed 3D II** 38
  Team 17 are at it again. Their accolade winning *Doom* clone is back, this time in 1x1 pixel mode and it's looking good.
- **Watchtower** 39
  When is *Chaos Engine* not *Chaos Engine*? When it's *Watchtower*. Or so it seems so far anyway.

REVIEWS

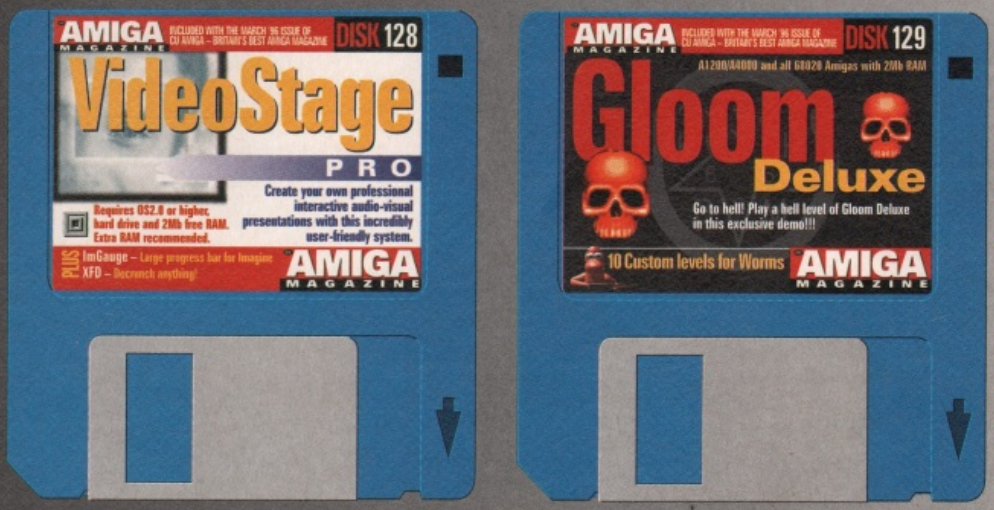
- **XTreme Racing** 42
  Last month's superb cover disk game is ready and it's good, real good. Turn to page 42 for some hot racing action.
- **SSFII Turbo** 47
  Gametek have taken a stab at *Streetfighter* after US Gold's OK attempt. And this version kicks butt.
- **Gloom Deluxe** 51
  This is the basic *Gloom* with some fancy graphics and a better viewing mode really. Still one of the best though.
- **Super Skidmarks Extra** 52
  The basic *Skidmarks* game with 12 extra fancy tracks. Still a cracking good game though.
- **Airbus A320** 55
  Learn how to fly with this simulator and try getting getting into the mile high club by the back door. *(Are you sure?-Ed)*

PLAYERS GUIDES

- **Vampyra** 56
  Vamp tells us how she got her diamond ring. This and other gems of wisdom are shared as part of her 'help the RPGer quest'.
- **Snip Tips** 59
  Regular tipster Matt Broughton is off to New York for his holidays but he left us some snip tips before he left. What a guy!



Cover Disks



VideoStage Pro 8

Whether you want to create interactive multimedia systems, add titles and credits to your videos, conduct flashy presentations to business associates or club members, or simply try your hand at doing the weather forecast, *VideoStage Pro* is the package for you. It's here in all its glory – the full program – on cover disk 128. Turn to page eight for more!

Gloom Deluxe 11

(and ten custom levels for Worms)

It doesn't get any better than this. On disk 129 we've got a demo of the latest version of that all time favourite – *Gloom*. It's looking good. And just when you thought we'd gone further than could be reasonably expected we've also included ten custom levels for *Worms*. Hurrah.

Get Serious

REVIEWS

- **Imagine 4.0** 62
  Following our great *Imagine 3* cover disk, Impulse are back with the latest version.
- **Blizzard 1260** 66
  Plug a 68060 into your A1200! Blizzard's new accelerator is the fastest A1200 plug-in ever!
- **Blitz Basic 2.1** 69
  The power of machine code married to the simplicity of BASIC – a perfect combination?
- **Wordworth 5** 72
  Word processing has never had so many bells and whistles!
- **Epson Stylus IIs** 77
  Need a new printer? How about this lovely model from Epson?
- **HP 850c** 77
  Or maybe this one from Hewlett Packard? Just the thing for those Wordworth documents.
- **'Green' Pen Mouse** 78
  Searching for an alternative to your mouse for those delicate graphics applications?
- **Screen Beat Bass Woofer System** 78
  Stick this under your desk and the satellite speakers either side to bring a whole new aspect to games and Amiga music.
- **DataStore** 79
  Digita have a new database for your Amiga to keep track of all those Star Trek videos/ stamps/records (delete as applicable).

CD-ROMS

- **CD-ROM Round Up** 80
  The Assassins transfer their PD game compilations to CD ROM, while EM Computergraphic have another new clip art and font CD.

Public Domain

- **PD Scene** 82
  Some decent games are turning up in the public domain this month, along with a few spinny demos for the spaceheads.
- **PD Utilities** 87
  The fruits of this month's serious PD orchard includes some timing tools and an Internet guide amongst other gems.

Golden Joysticks 106

It's that time of year again, when golden joysticks are handed out to those worthy of your votes. Who created the best game in '95? You make the decisions.

Workshop

Imagine 3.0 92
Part two of John Kennedy's *Imagine 3.0* tutorial covers the mysteriously powerful texture and attributes settings.

OctaMED 5.04 96
Ed Wiles wraps up the *OctaMED 5.04* tutorial with a look at the fiendishly tricky-looking synthetic sound editor.

Amiga E 98
The final part of Jason Hulance's *Amiga E* series rounds off with some finishing touches to the text-finder project.

Wired World 100
FTP clients are the subject of this month's guide to comms and the Internet: what to download and where to get it from.

Tony Horgan's Sound Lab 103
A trio of handy sound tools are put in the spotlight this month including a neat tool to take digital data from audio CDs.

Frequently Asked Questions 113
Setting up your Amiga for Internet access is no easy business. FAQ covers some of the common problems and queries.

Q+A Masterclass 114
What is this thing called *ARexx*? John Kennedy's Masterclass explains all.

Questions and Answers 116
Readers technical problems are solved once again by that dynamic duo Mat Bettinson and Tony Horgan.

Backchat 118
Have you got something to tell the world? This is your soapbox: what have you got to say?

Points of View 122
The CU Amiga Magazine team give their opinions on all things Amiga, along with guest speaker Andy Leaning.

Subs

Subscriptions 121
Our cover price may have gone up slightly this month but our special offer of 12 issues for the price of eight is still there! Do yourself a favour and take out a subscription right now. You won't be sorry you did.

Editorial

There's still no sign of Amiga Technologies Q-Drive, but let's hope it arrives along in time for next month's big surprise: our second cover CD-ROM. The first one in November last year proved very popular and this time we're hoping to expand it to accommodate all those CD32 owners who were disappointed last time around. We've sent Mat away to a darkened room with a 1 Gigabyte hard drive and he's promised to come up with some serious goods.

But back to this month, and what a lovely bunch of goodies there are in the issue. In the games section the highlight has to be *XTreme Racing*, the best multi-player fun we've had in a long time. *Gloom Deluxe* is top stuff too, though I was hoping for a few more levels. In the technical section we've got Tony Horgan heaven: the Blizzard 1260, the first 060 board we've received for the A1200. Fast isn't the word (well, it is actually).

The closure of the Maidenhead Amiga Technologies office came as a disappointing shock (see news). Apparently due to failure of the Amiga to reach its sales targets during Christmas, three members of staff have also had to be made redundant. See page 120 for comment.

Alan Dykes, Editor

Advertisers' Index

1ST COMPUTER CENTRE	22 & 23	0113 231444	HIQ	57	01525 211327
17 BIT SOFTWARE	53	01924 366982	MARPET	45	01423 712600
ACTIVE SOFTWARE	71, 74 & 75	01325 352260	MEGATRONIX	60	01384 77172
ANALOGIC	58	0181 546 9575	OWL ASSOCIATES	57	01543 250377
CARE ELECTRONICS	60	01923 894064	PLEXUS MEDIA	86	0345 660015
COMPLEX COMPUTERS	60	01706 2245531	POST HASTE	76	01227 766788
CU AMIGA CLASSIFFIEDS	108,109,110,111	0171 972 6700	POWER COMPUTING	I.F.C., 3, I.B.C., OB.C.	01234 843388
DATEL	14 & 15	01782 744707	PREMIER MAIL ORDER	105	01268 277172
EFFIGY	46	01526 834020	RESPONSE ADVERTISING	57	01423 530691
EPIC MARKETING	40, 81	01793 490988	SADENESS PD	68	01263722169
EMERALD CREATIVE	24	0181 715 8866	SELECTAFONT	46	01702 202835
EVERGLADE	76	01667 454933	SIREN SOFTWARE	13	0161 7965279
EXCLUSIVE PD	89	01705 642489	SOFTWARE 2000	64 & 65	01374 678068
FAST COMPUTER SERVICES	68	0171 252 3553	SOFTWOOD	49	01773 836781
GOLDEN IMAGE	68	0181 900 9291	SPECIAL RESERVE	7	01279 600204
GORDON HARWOODS	8, 36	01733 836781	UNITED PD	50	01938 5529594
GREYTRONICS	85	0181 686 9973	V12 PD	54	01507 450114
G.T.I.	41	00496171859337	VISAGE COMPUTERS	10	0115 9642828
HI SOFT	30 &31	01525 71818	WIZARD DEVELOPMENTS	16	01322 272908

Editorial

EDITOR: Alan 'Emergency Services' Dykes
DEPUTY EDITOR: Lisa 'Bluewatch' Collins
TECHNICAL EDITOR: Tony 'Crime Squad' Horgan
STAFF WRITER: Mat 'Traffic Warden' Bettinson
GAMES CONSULTANT: Matt 'Parking Meter' Broughton
ART EDITOR: Helen 'Lollipop Lady' Danby
DESIGNER: Anthony 'Midwife' Collins
TECHNICAL CONSULTANT: John 'Bouncer' Kennedy
CONTRIBUTORS: Peter Lee, Ed Wiles, Vampyra, Martin Davies, Larry Hickmott, Jason Compton, Garth Sumpter, Jason Hulance
PHOTOGRAPHY: Mark Gatehouse
COVER PHOTO: Image Bank
SYSTEMS AND REPRO: Sarah-Jane Leavey, Sarah Best, Gary Lord

Advertising/Marketing & Management

ADVERTISING MANAGER: Justine Carlson
SALES EXECUTIVE: Marianna Masters
AD PRODUCTION: Tina Gynn, Ryan Boundy, Fiona Conway
PRODUCT MANAGER: Vicki Jacobs
PUBLISHING DIRECTOR: David Kelly
EXECUTIVE PUBLISHING DIRECTOR: Graham Taylor

Contacts

When contacting CU AMIGA MAGAZINE there are two golden rules.
1: Send your letters etc to the right department (see below) and please do not send an SAE for reply.
2: Please remember that we have to write and produce your favourite magazine every month, so try to keep your correspondence short and to the point. Although we'd love to, we simply cannot reply personally to the hundreds of calls, letters, and faxes we get. Answers have to be through the pages of the magazine only.

ADVERTISING AND ADVERTISING PROBLEMS: If you wish to advertise, or have a problem with a company advertising in CU AMIGA MAGAZINE our advertising team will be glad to help. Contact Justine Carlson or Marianna Masters on 0171-972 6700, fax them on 0171 216 6219, or write to them at: ADVERTISING, CU AMIGA MAGAZINE, Priory Court, 30-32 Farringdon Lane London EC1R 3AU.

READERS' LETTERS AND TECHNICAL PROBLEMS: For general, non-technical, enquiries send your letters to Backchat. For technical problems send them to Q&A. Both are at CU AMIGA MAGAZINE, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU. Phone: 0171 972 6700, FAX: 0171 972 6703. Please remember that we cannot answer enquiries in detail by phone. If you need advice urgently or have a problem then do call us between 4.30pm and 5.30pm Tuesdays, Wednesdays and Thursdays. We will try to assist you within these hours, but complex questions may be too difficult to resolve over the phone. Because of press deadlines we may have to ask you to call at another time. Alternatively, E-Mail us at backchat@cu-amiga.demon.co.uk or Q+A@cu-amiga.demon.co.uk.

PD SUBMISSIONS: We get hundreds of new PD programs every week, but we're still hungry for more. If you've written a PD program that you're proud of send it to the PD ZONE, CU AMIGA MAGAZINE, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

COMPETITIONS: CU AMIGA MAGAZINE often runs competitions. To enter one of these simply put your name and address on the back of postcard, along with the answers and send them to us at the usual address. Competition entries are only accepted by post. One entry per person please and the editor's decision is final. Winners will be notified by post. Other rules may be printed from time to time.

BACK ISSUES: 01858 468 888. Subject to availability. UK price: £5.25 (inc P&P). ROW (£7.25).

SUBSCRIPTION DETAILS: Subscriptions are available from Tower Publishing, Tower House, Sovereign Park, Lathkill Street, Market Harborough LE16 9EF Tel: 01858 468888. Annual subscription rates (inc postage) 12 issues: UK/BFPO £36.00. SURFACE/ROW £64.00 AIRMAIL EUROPE £74.00
AIRMAIL ROW ZONE 1 £116.00. AIRMAIL ROW ZONE 2 £116.00.

COVER DISK PROBLEMS: If you have a faulty cover disk then write or return your disk to our 3.5 inch floppy people: CU AMIGA MAGAZINE COVER DISK RETURNS, PC WYSE, DOWLAIS TOP BUSINESS PARK, DOWLAIS, MERTHYR TYDFIL, MID GLAMORGAN CF4 8YY. PLEASE USE THE FORM ON PAGE 16 AND REMEMBER TO PROVIDE DETAILS OF THE PROBLEM.

COMMS: You can contact CU AMIGA MAGAZINE, via the Internet/E-Mail on general@cu-amiga.demon.co.uk. Please keep E-Mail brief and to the point.

© EMAP Images 1995/1996. No part of this magazine may be reproduced in any form, either electronic or mechanical, or sold without the express written permission of the publisher. Cover disks remain the copyright of their respective suppliers and may not be duplicated, distributed or sold on without their permission. All material and prices are believed to be accurate at the time of going to press. CU AMIGA MAGAZINE attempts to maintain the highest standards, but cannot be held responsible for any errors, factual or otherwise which may have inadvertently creeped into the issue. None of the reviews or previews in any section of this magazine constitute paid for or otherwise solicited advertisements for that product or supplier. CU AMIGA MAGAZINE is an independent publication and the opinions expressed by its reviewers are their own, free of any outside encumbrance.

PRINTED IN THE UNITED KINGDOM BY ST IVES PETERBOROUGH ABC: 55,789 Jan – Jun 1995.

...ur best ever offer

01279 600204

Look out for Scarey Low Prices

www.reserve.co.uk
The Special Reserve Discount Club

SWITCH VISA Access MasterCard Creditcharge

Mail order address. Cheques / Postal Orders payable to:

SPECIAL RESERVE at
PO Box 847, Harlow, Essex, CM21 9PH

Please quote reference **THIN** on your order

Open 10 am 'til 8 pm 7 days a week. Or fax your order on 01279 726842

FREE

BUY ANY ONE ITEM AT THE SAME TIME AS JOINING OR RENEWING FOR ONE YEAR AND WE'LL GIVE YOU

QUICKJOY FOOTPEDAL

FREE ONLY FROM SPECIAL RESERVE

Simply state 'Footpedal Offer' as you join.

OR

SENSUALITY MOUSE MAT

Rated 15. Simply state 'Sensuality Offer' as you join.

OR

THE GUYVER 1 MANGA VIDEO

VHS tape Rated 15. Simply state 'Guyver 1 Offer' as you join.

ABSOLUTELY FREE

When you buy any one item at the same time as joining or renewing your membership for one year

Overseas members add £2 carriage. Existing members can renew early to take advantage of these offers - we'll just add 12 months to your current expiry date.

All offers are subject to stock availability and may change.

AMIGA Games

ALIEN BREED - TOWER ASSAULT (512K) 8.49
ALIEN BREED 2 ... 8.49
ARCADE POOL ... 9.49

BEAU JOLLY COMP
CANNON FODDER, SETTLERS, CHAOS ENGINE, T2 ... 17.99

BENEATH A STEEL SKY ... 19.49
BIG 100 (100 SHAREWARE GAMES) ... 8.99
CANNON FODDER 2 ... 12.99
CHAMPIONSHIP MANAGER 2 ... 20.99
COLONIZATION ... 22.99
COVER GIRL STRIP POKER ... 10.99
DUNE 2 - BATTLE FOR ARRAKIS ... 13.99
ELITE (512K) ... 4.49
FIFA INTERNATIONAL SOCCER ... 12.99
FLIGHT OF THE AMAZON QUEEN ... 22.99
FORMULA 1 GRAND PRIX (512K) ... 9.49

GREMLIN COMPILATION VOL 2
ZOOL 2, LOTUS 3, PREMIER MANAGER 2, SPACE CRUSADE ... 12.99

INDY JONES FATE OF ATLANTIS ADV ... 13.99
KINGPIN ... 7.99
KNIGHTS OF THE SKY ... 12.49
LEMMINGS • ... 4.99
MICROPROSE GOLF ... 7.49
ODYSSEY • ... 20.99
ON THE BALL - LEAGUE EDITION ... 11.99

PINBALL DOUBLE PACK
PINBALL DREAMS & FANTASIES ... 17.49

POWERDRIVE ... 9.99

RESERVED COLLECTION VOL 1
ROME AD92, MYTH, EPIC (HDR) ... 5.99

SECRET OF MONKEY ISLAND 2 ... 12.99
SENSIBLE GOLF ... 21.99
SENSIBLE WORLD OF SOCCER 96 ... 22.99
SIMON THE SORCERER ... 14.99
SPACE LEGENDS ...
WING CMDR, MEGATRAVELLER, ELITE 11.99
SPEEDBALL 1 & 2 (512K) ... 7.49

SPORTS MASTERS
PGA GOLF, INDY 500, ADV TENNIS, EUROPEAN CHAMPIONSHIPS 1992 ... 13.99

SUPER SKID MARKS 2 ... 14.99
SYNDICATE ... 12.99
THEME PARK ... 22.99
TORNADO ... 12.99
UFO - ENEMY UNKNOWN ... 20.99
ULTIMATE SOCCER MANAGER ... 19.99
WING COMMANDER 1 ... 9.99
WINTER OLYMPICS ... 9.99

WORLD CUP YEAR 94
GOAL, CHAMP MANAGER 94 + DATA DISK, STRIKER, SENSIBLE SOCCER ... 12.49

WORMS ... 19.99
ZEEWOLF 2 ... 22.99

A1200 Games

ACID ATTACK COMPILATION
GUARDIAN, ROADKILL & SUPER SKIDS 22.99

ALIEN BREED - TOWER ASSAULT ... 8.49
ALIEN BREED 2 ... 8.49
ALIEN BREED 3D ... 21.99
BLITZ TENNIS ... 20.99
CIVILISATION AGA (UNBOXED) ... 7.99
COLONIZATION ... 22.99
DETROIT ... 21.99
DUNGEON MASTER 2 (HDR) ... 23.49
EVOLUTION • ... 22.99
FEARS ... 13.99
FIELDS OF GLORY ... 12.49
GLOOM ... 14.99
GLOOM DELUXE • ... 20.99
GUARDIAN ... 10.99
HIGH SEAS TRADER ... 22.49
JUNGLE STRIKE ... 12.49
KINGPIN ... 7.99
ON THE BALL (HDR)
- LEAGUE EDITION ... 10.99
- WORLD CUP EDITION ... 10.99
PINBALL ILLUSIONS ... 19.49
PLAYER MANAGER 2 • ... 17.99
POLE POSITION ... 19.49
ROAD KILL ... 10.99
SHADOW FIGHTER ... 10.99
SIM CITY 2000 (5MB, HDR) ... 12.49
SIMON THE SORCERER ... 14.99
STAR CRUSADER ... 19.99
SUPER LEAGUE MANAGER ... 10.99
SUPER STREETFIGHTER 2 TURBO ... 19.99
THEME PARK ... 22.99
UFO - ENEMY UNKNOWN ... 22.99
ULTIMATE SOCCER MANAGER ... 19.99
VIROCOP ... 19.99

AMIGA Utilities

DELUXE PAINT 3 ... 6.99
FINAL WRITER (4 MB, HDR) ... 65.99
GB ROUTE PLUS ... 39.99
HOME ACCOUNTS ... 9.99
MINI OFFICE ... 37.99
MULTIMEDIA EXPERIENCE (4 MB HDR) • 35.99
ORGANISER 2 ... 44.99
ORGANISER ... 37.99
PERSONAL PAINT V6.4 ... 44.99
TERMITE (K/START 2.04+) ... 33.49
WORDWORTH V1.2 SE ... 14.99

A1200 Utilities

MONEY MATTERS 4 ... 44.99
PHOTOGENICS V1.2 ... 53.99
VISTA PRO (LITE) (HDR) ... 27.99
WORDWORTH V3.1 (EDR OR HDR) ... 55.99
WORDWORTH V5 ... 65.99

000's OF PRODUCTS STOCKED - CALL US IF YOU CAN'T SEE THE TITLE YOU WANT

SAVE £40 OFF RRP* ON THESE SATURN & PLAYSTATION DEALS

PLAYSTATION & DOOM GAME CD ONLY £299.99

INCLUDES ONE CONTROLLER, PLAYABLE DEMO CD, RF UNIT
FREE FAST DELIVERY,
FREE DOOM GAME

FREE

£40 WORTH OF EXTRAS FREE

* SAVING OF £40 APPLIES TO COMBINED RRP'S

SEGA SATURN & DAYTONA USA JUST £309.99

INCLUDES ONE CONTROLLER, SCART LEAD AND DAYTONA USA GAME

SAVE £40

The Saturn is supplied with a SCART lead, if your TV does not have a SCART socket you will require an RF interface

SEGA RF UNIT FOR SATURN ... 22.99

Regular Colour Magazine - Huge Range - Heavy Discounts - Over 250,000 People Have Already Joined

AMIGA PERIPHERALS

DRIVE YOUR AMIGA TO IT'S LIMIT

OVERDRIVE HARD DRIVES FOR A600 AND A1200

OVERDRIVE V.11 250 MB ... 239.99
OVERDRIVE V.11 1.25 GB (1272 MB) ... 289.99

SAVE £22

EXTERNAL DISK DRIVE ... 47.99
SUITABLE FOR ANY AMIGA AND SX-1 HIGH QUALITY, COLOUR MATCHED, LONG REACH CABLE

INTERNAL DRIVE (A500) ... 44.99
INTERNAL DRIVE (A6/1200) ... 54.99

POWER FOR THE PEOPLE

AMIGA POWER SUPPLY ... 26.99
SUITABLE FOR AMIGA A500, A600 AND A1200, 23 WATTS STANDARD OUTPUT (COLOUR MAY VARY)

SAVE £13

ANTI-SURGE 4 WAY TRAILING MULTIPLUG ... 24.99
ALLOWS UPTO 4 DEVICES TO BE SAFELY CONNECTED TO ONE OUTLET AND PROTECTS AGAINST DAMAGING SURGES

GIVE YOURSELF TOTAL CONTROL

SAVE £17

FREEWHEEL STEERING WHEEL 12.99
WORKS AS A JOYSTICK, SUITS MOST DRIVING GAMES

QUICKSHOT 137F PYTHON JOYSTICK ... 10.99
WITH AUTOFIRE

DYNAMICS COMPETITION PRO JOYPAD FOR AMIGA & CD32 16.99
TURBO & AUTOFIRE

ALFA MEGAMOUSE 400 ... 12.99
400 DPI RESOLUTION, LONG CORD, AND 2 MICROSWITCHED BUTTONS

EKLIPSE MOUSE FOR AMIGA ... 11.99
290 DPI RESOLUTION, LONG CORD, 2 BUTTONS, FREE MOUSE MAT

MOUSE MAT - reserve.co ... 4.99
SPONGE BACKED, QUALITY FELT SURFACE

STEREO VIEWING DEALS

SAVE £60

FREE STEREO SPEAKERS

MICROVITEC M1438 14" MULTISYNC MONITOR ... 269.99
• HIGH QUALITY 0.28 DOT PITCH • DISPLAYS ALL AMIGA SCREEN MODES • SUITABLE FOR A1200 & A4000

NOKIA 14" NICAM STEREO TV ... 214.99
• NICAM DIGITAL STEREO • TELETEXT • SCART SOCKET • ADJUSTABLE SOUND DEFLECTORS • REMOTE CONTROL • SQUARE TINTED TUBE • HEADPHONE SOCKET

SAVE £25

AMIGA A1200 MAGIC PACKS

ALL OUR AMIGA MAGIC PACKS COME SUPPLIED WITH 20 TITLES
ALL SOFTWARE SHOWN PLUS DENNIS AND OSCAR
FREE SOFTWARE TITLES SUBJECT TO CHANGE

A1200 2/0 MAGIC PACK 399.99
A1200 COMPUTER WITH 2MB RAM

A1200 2/170 SCALA MAGIC PACK WITH 170MB INTERNAL HARD DRIVE 499.99
A1200 COMPUTER WITH 2MB RAM, 170MB INTERNAL HARD DRIVE, SCALA MM300 SOFTWARE

FREE 12 FREE EXTRA TITLES

MEMBERS ONLY BUT YOU CAN ORDER AS YOU JOIN

Members receive our regular informative Colour Club magazine featuring our complete range of over 2000 products

ANNUAL MEMBERSHIP £7.00 (UK) £9.00 (EC) £11.00 (WORLD)

MEMBERS ARE UNDER NO OBLIGATION TO BUY ANYTHING

EST. 1986
A DECADE OF DISCOUNTS

Club Shops at

CHELMSFORD, ESSEX
43 Broomfield Road.
Just around the corner from the bus station.

SAWBRIDGEWORTH, HERTS
The Maltings, Station Road.
A few miles from the M11, near the station.

Items bought in the shops carry a 50p surcharge on the Mail Order prices. Members only but you can order as you join.

CD32 CRITICAL ZONE PACK

Includes CD32 with Seven Games and 1 Joypad

139.99 PRICE CRASH

WITH 7 GAMES

SAVE £90

CD32 GAMES

ALIEN BREED - T/ASSAULT ... 20.99
ALIEN BREED 3D ... 22.49
ARCADE POOL ... 10.99
BLITZ TENNIS ... 20.99
CHAOS ENGINE ... 9.49

CORE COMPILATION VOL 3
BUBBA 'N' STIX, PREMIER, CHUCK ROCK 1 & 2 ... 16.99

EVOLUTION • ... 22.99
FEARS ... 20.99
FIELDS OF GLORY ... 10.49
FURY OF THE FURRIES ... 12.99
GLOOM ... 14.99
GLOOM 2 ... 20.99
GUARDIAN ... 10.99
GUNSHIP 2000 ... 12.49
HEIMDALL 2 - BANE OF ASGARD ... 9.49
KINGPIN ... 12.49
OSCAR & DIGGERS ... 3.49
PINBALL FANTASIES ... 19.99
PINBALL ILLUSIONS ... 19.49
ROAD KILL ... 10.99
ROBOCOD (JAMES POND 2) ... 7.99
SHADOW FIGHTER ... 10.99
SIMON THE SORCERER ... 14.99
SPEEDBALL 2 ... 12.99
SPERIS LEGACY ... 19.99
STAR CRUSADER ... 19.99
SYNDICATE ... 24.99
THEME PARK ... 21.99
TRIVIAL PURSUIT ... 9.49
UFO - ENEMY UNKNOWN ... 21.99

ULTIMATE BODY BLOWS
BODY BLOWS & BODY BLOWS GALACTIC ... 9.99

WORMS ... 21.49
ZOOL ... 3.49

Inevitably some products listed may not be available. Prices and offers may change without prior notification. Save = savings on full retail price. Prices correct at time of going to press. 18.01.96 E. & O. E. Inter-Mediates Ltd, 2 South Block, The Maltings, Sawbridgeworth, Herts, CM21 9PG. Members can apply for a Special Reserve Creditcharge card subject to status. Full details are available on request.

THE WORLD's FASTEST AMIGAS ARE ON THIS PAGE!

CYBERVISION 64

LIMITED OFFER
FREE PHOTOGENICS LITE SOFTWARE WITH CYBERVISION 64s FOR A LIMITED TIME!

64-BIT ENGINE A3000/4000 24-BIT COLOUR ACCELERATED GRAPHICS CARD. For all Zorro-3 Amigas, this 64-Bit high speed graphics engine/blitter offers up to 1600 x 1200 pixels in 8-Bit colour or 1024 x 768 pixels in True 24-Bit Colour, with 2Mb of display memory (4Mb user upgradeable).

Cybervision 64... 2Mb - £329.95 4Mb - £439.95

Request your FREE Technical Brochure

FREE PhotoGenics LITE...Powerful software for image manipulation - the ULTIMATE 24-bit graphics package for A3000 or A4000! Includes 27 effects for processing photos/images such as Emboss, Solarize, Texturize, Add Noise etc. as well as Paint Tools inc. Chalk Pastels, Crayon, Felt Tips & more - Brilliant! (Packaging is shown for illustration purposes only and is not included)

THE ADVANTAGES OF OUR BOARDS ARE UNSURPASSED... Just Compare our Performance!

Figures shown are in MIPS and taken from comparative performance tests using SysInfo standards (1230-IV, 1260, 2060 and Cyberstorm ratings use 60 Nanosecond SIMMs).

THE WORLD'S FASTEST... NO QUESTION!

CYBERSTORM

- Up to 128Mb of standard SIMMs can be installed and you can even transfer the 72Pin SIMMs from your A4000 straight onto Cyberstorm.
- Options include a SCSI-2 only module, or a SCSI-2 and combined Ethernet expansion module. *Request your FREE Technical Brochure*

The World's Fastest Amiga!

CYBERSTORM - THE FIRST FULL 68060 ACCELERATOR FOR THE A4000 *(ask for details about A3000 compatibility too).* When Cyberstorm, a 50MHz 68060 board, renders a test graphic with Imagine 2.0 software, the processing time is FAST... Just 2.45 minutes - Compare this with 10.34 mins on a standard A4000 '040/25!

Cyberstorm 68060/50
50MHz 68060, 0Mb (Expandable to 128Mb)
£PHONE!

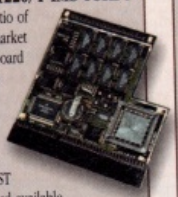
BLIZZARD 1220/4

28MHz 68EC020 A1200 TURBO 4Mb, 32-Bit RAM Expandable to 8Mb

Multi award-winning BLIZZARD 1220/4 4Mb TURBO

Offers by far the best price/performance ratio of any A1200 32-Bit RAM expansion on the market incorporating everything a good memory board should - such as a Real Time Clock, RAM expandability, optional FPU etc. With its Motorola Processor running the 32-Bit FAST RAM at an amazing 28MHz, the 1220/4 has broken all the barriers!

Check the facts for yourself and fit the BEST Amiga A1200 68EC020 Turbo Memory board available.



- Integrated 28MHz 68EC020 Clock Speed Doubler for up to 300% overall performance increase
- Factory Installed & Tested 4Mb 32-Bit FAST RAM
- Expandable to 8Mb with Blizzard Add-4 Board
- Integrated Battery Backed Real Time Clock
- Easy Trapdoor Installation
- Can be disabled in situ for full games compatibility

1220/4 Turbo 28MHz 68EC020 4Mb 32-Bit Fast RAM (Expandable to 8Mb) **£199.95**

Add-4 Board - extra 4Mb for 1220/4 4Mb 32-Bit Fast RAM add-on **£169.95**

Motorola Maths Co-processors 68882 PLCC type FPU, 25/33MHz **£Call**

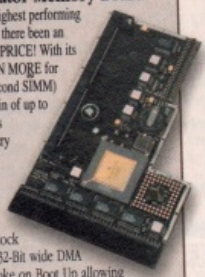
THE AWARD WINNING A1200 RAM EXPANSION!

BLIZZARD 1230-IV

NEW... 50MHz 68030 A1200 TURBO ACCELERATOR - 0Mb Expandable to 128Mb

The Blizzard 1230-IV Turbo Accelerator Memory Board

is the successor to the market leading 1230-III and the highest performing 68030 accelerator available for the A1200! Not only has there been an INCREASE in specification, but also a DECREASE IN PRICE! With its 50MHz 68030 and MMU, the new 1230-IV offers EVEN MORE for LESS! With a SysInfo rating of 9.91 (using a 60 Nanosecond SIMM) you can see the 1230-IV is **very** fast - a performance gain of up to 500% is achieved! Options via its Fast Expansion Bus include Modules such as a SCSI-2 Controller. An industry standard SIMM socket provides for up to 128Mb of auto-configuring 32-Bit FAST RAM (or 256Mb with the SCSI-2 option including its extra SIMM socket).



- Easy Trapdoor Installation
- Battery Backed Self Recharge Real Time Clock
- High Performance DMA Expansion with Full 32-Bit wide DMA
- 68030 may be disabled with a Simple Keystroke on Boot Up allowing Full Games Compatibility - Even Badly Programed, Older Software!
- PGA FPU Socket allowing Optional 50MHz, 68882 FPU

1230-IV Turbo 50MHz 68030 & MMU 0Mb 32-Bit Fast RAM (Expandable to 128Mb) NEW... LOWER PRICE **£179.95**

4Mb SIMM RAM Expansion (Fast 60 Nanosecond) 32-Bit, 72 pin *(Call for Larger SIMM prices)* **£134.95**

Motorola Maths Co-processor 68882 PGA type FPU, 50MHz **£99.95**

SCSI-2 Module[1] for 1230-IV Turbo (With additional 128Mb SIMM socket) **£89.95**

THE WORLD's FASTEST A1200 '030 ACCELERATOR!

NEW 68060 ACCELERATORS FOR THE AMIGA A1200, A1500 and A2000 RANGES

If you'd like to know how to make YOUR Amiga A1200, A1500 or A2000 as fast as any Amiga can be... ask for our free brochure which shows you how!

Blizzard products have always been at the forefront of the Amiga accelerator market and we were the first to launch 68060 boards with the amazing performance they bring. Since that launch, there have been shortages of 68060 Motorola CPUs and production output has fluctuated. Although supplies of these chips were expected to be fully on line by now, Motorola cannot meet the demand. We are assured however that by the early part of 1996 Motorola will be in a position to fulfil the market's needs and hence, Blizzard product delays (which are beyond our control) should disappear. Until then you may well ask...

Should I be tempted to buy on '040 instead?

Well, when the Blizzard '060s can be **Two or Three** times as fast yet cost as little as 25% more, why buy an '040 which offers a far lower price to performance ratio! When we considered the possibility of producing an "interim '040", we decided it was not a product worthy of development. The facts are simple, if YOU want the **FASTEST** Amiga, a 68060 is the ONLY way. Maybe you should think about reserving a Blizzard 1260 or 2060 now - stocks are bound to be limited when the mighty 68060 returns! A small wait now, but an '040 will always keep your Amiga waiting longer!

NEW... BLIZZARD 1260

1260 Turbo[1]
For the Amiga 1200s
50MHz 68060 & MMU
0Mb 32-Bit Fast RAM, Expandable to 64Mb
£599.95

NEW... BLIZZARD 2060

2060 Turbo[1]
For Amiga 1500/2000s
50MHz 68060 & MMU
(0Mb 32-Bit Fast RAM (Expandable to 128Mb)
£699.95

All Blizzard and Cybersstorm products use brand new MOTOROLA 68000 series processors (not second hand as in some of our competitors' boards). They always run **WITHIN** the electrical timing specification laid down by Motorola to prevent any possible overheating/reliability problems. When you pay for a new 50MHz CPU for example, that's exactly what you get - not a 40, 33 or even a 25MHz CPU "clocked" to 50MHz! Look out for the **MOTOROLA MOTIVATED** logo - your guarantee of our commitment to quality and reliability - **BEWARE** of "clocked" CPUs!

Blizzard products have consistently achieved the highest magazine accolades and awards!

Amiga Shopper said "in short if you want the fastest Amiga in the World, you have no option."
Amiga Computing "...Amigas can now do anything Pentiums can"...!!
Amiga Format "...buy one as soon as you get chance" - 95% rating

What the Magazines think...

1st Place Amiga Shopper Reader Awards — AMIGA GOLD FORMAT — CU AMIGA SUPERSTAR — TOP RATED — AMIGA FORMAT Star Buy — AMIGA

[1] *Available 1st Quarter '96*

gordon harwood computers

the UK's favourite Amiga Dealer

GORDON HARWOOD COMPUTERS LIMITED
Dept: CUA/B5 NEW STREET, ALFRETON, DERBYSHIRE. DE55 7BP

Tel: 01 773 836781
Fax: 01 773 831040

PLEASE CALL TO CONFIRM AVAILABILITY BEFORE MAKING A LONG JOURNEY TO VISIT US. OUR OPENING TIMES ARE... Mon-Sat, 9am until 5pm

BY PHONE: Simply call our order line. We accept VISA, Mastercard, Access, Switch, Connect, Delta AMEX and Lombard Creditcharge (most 'store cards' are Lombard eg. Dixons, Currys etc).

BY POST or FAX: Include your name, address and daytime phone number plus order details. If charging a credit/debit card include... number and expiry date (also issue number with Switch cards). Make Cheques (allow 7 days clearance prior to despatch), Bankers/Building Society Drafts or Postal Orders payable to Gordon Harwood Computers

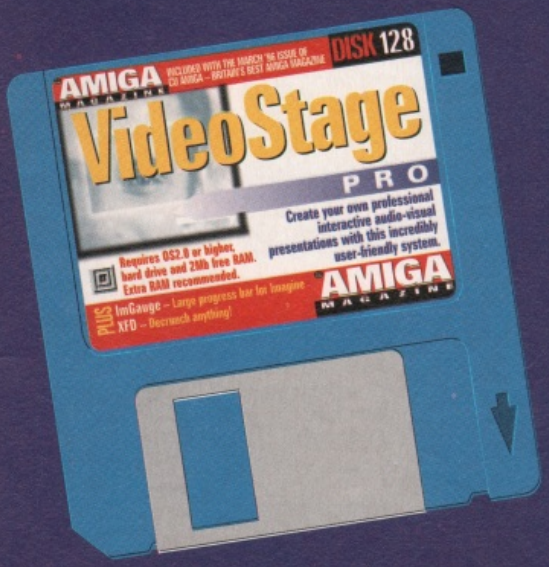
PRICES: Please remember to confirm prices in case you are looking at an 'old' magazine. Prices can change (up or down) before the magazine's cover month has passed. Please confirm before sending orders by post.

DELIVERY: We ship promptly and offer delivery of all orders throughout Mainland UK & most products overseas. If your order is urgent we have priority despatch options with express delivery available.

EXPORT: Most items are available Worldwide, and at TAX FREE PRICES to non EC residents & overseas UK Armed Forces Personnel (with CO's document!). Please call us for confirmation of prices and carriage charges.

DISK 128

VideoStage Pro



VideoStage Pro requires at least 2Mb of free RAM in order to operate. See right for details.

ImGauge

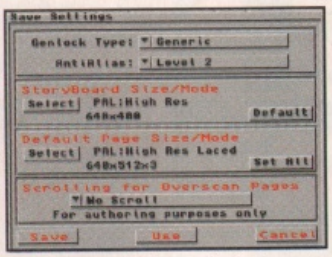
A common criticism squared at the excellent *Imagine* rendering package (cover-mounted on the January issue) is that the progress display is too small, it's a tiny display in the menu bar. *ImGauge* corrects this with a large resizable GUI progress bar you can use to monitor your renders. To use it, simply run it at the same time as *Imagine*. To install, just drag the *ImGauge* icon from the cover disk to wherever you want to install it.

XFD package

A lot of Amiga owners want to compress various programs with executable file compressors. However, this can lead to problems if you don't have the memory to decrunch etc. To make things easier for you we've put the excellent decruncher program XFD on this disk. You'll need to install from shell. Copy everything in the XFD/libs directory to your Workbench libs directory. Then copy everything from the XFD/c directory to your Workbench C: directory. To use XFD, try the following on a compressed file;

```
XFDdecrunch <file or directory>
```

and voila it's decompressed!



▲ **VideoStage Pro defaults to an interlaced screen in order to fit everything into one display. However, this can be changed to a more comfortable flicker-free display by selecting the Save Settings option.**

VideoStage Pro is a very flexible program. It's primarily a visual presentation system that will be of particular interest to anyone involved in video work, but does not require any special video equipment to be extremely useful. There are many possible uses for the program, such as company presentations, in-store advertising, public information displays such as score boards at community events, interactive multimedia hyperbooks and of course video titling. With a bit of imagination you can probably think of plenty more too!

Ease of use

One of the best aspects of *VideoStage Pro* is its user-friendly approach. Most of the program works on a simple drag and drop system, based around a graphic storyboard made up from a series of pages. Each part of the storyboard holds the information for one page, along with the details of the transitions or wipes between the previous page and the current one. Almost all the functions can be selected from icons and menus, so the only time you need to use the keyboard is when you enter some text on the screen!

Setting up

You can change the default interlaced screen to something a little more comfortable on the eyes. In order to do this choose the Save Settings option from the Project menu to bring up the options. Click on the Storyboard Size/Mode button and select the screen mode of your choice – we recommended High Res. This will allow you to access the whole screen by scrolling it up and down slightly whenever you move the mouse to the top or bottom. Click the Default Page Size/Mode button and make your selection as before.

RAM notes

VideoStage Pro requires at least 2Mb of free RAM. On Amigas with 2Mb of total RAM, some problems may occur due to memory consumption during boot-up. If memory problems occur, disable all extra drives and temporarily remove items from the WBStartup drawer or startup-sequence. Other boot sequences should be bypassed to free as much RAM as possible.

Now turn to page 25 in this issue where you'll find a series of walk-through guides to creating a range of different *VideoStage Pro* presentations. ■

Texture Studio

(cover disk 126 correction)

Last month we covermounted *Texture Studio* for *Imagine*. Unfortunately its settings files cannot be loaded directly into *Imagine*. However, there is a conversion tool on this month's cover disk 128, kindly supplied by G Hoyles, Upton on Severn.

First make sure you have arp.library in your Libs drawer. To use it from the Shell, copy it to your C directory, cd to your Texture Studio Settings drawer and enter:

```
ts-i source destination
```

where 'source' is the *Texture Studio* settings file and 'destination' is the new converted filename. Add .ATR to the destination filename and load it into *Imagine* from the Attributes requester. And that's it.

VISAGE COMPUTERS

27 Watnall Road, Hucknall
Nottingham NG15 7LD
Tel: (0115) 964-2828
Tel/Fax: (0115) 964-2898

VISA MasterCard

STORAGE

HARD DRIVES

WESTERN DIGITAL

3.5" E/EIDE

635MB	£159.99
850MB	£179.99
1 GIG	£199.99
1.2 GIG	£239.99
1.6 GIG	£329.99

Seagate

3.5" E/EIDE

420MB	CALL
540MB	£149.99
850MB	£179.99
1.2 GIG	£249.99

HITACHI 2.5" IDE

340MB	£169.99
540MB	£249.99
810MB	£329.99
1 GIG	£599.99

LOW PRICES

Quantum

3.5" E/EIDE

540MB	£Call
635MB	£159.99
850MB	£179.99
1 GIG	£199.99

A500 ALFAPOWER

210MB	£179.99
270MB	£199.99
420MB	£229.99
540MB	£249.99

Externally cased Hard drives for the A500/500+. Can be populated with upto 8MB of RAM.

All 3.5" IDE Hard drive require an adaptor cable when fitted into an A600/1200 (£15.00 when purchased with a drive) £19.99 when purchased separately

If you have found a cheaper price elsewhere in the magazine, call us and we will do our best to beat it.

A1200 OVERDRIVES

270MB	£199.99
540MB	£219.99
635MB	£229.99
1 GIG	£269.99
1.2 GIG	£299.99

STOP! AND THINK

Before you purchase your hard drive from elsewhere just look at what you get **FREE** with our drives!!!

* Drives are formatted & installed with Workbench.
* 100MB of top quality Public Domain software including:- Compugraphic fonts & clipart, Lightwave & Imagine objects, top demos & music modules, essential utilities, games and lots more

AMIGA 1200 "Magic"

The awsome new AMIGA 1200 "Amiga Magic" pack is here, Software pack includes...
Photogenics 1.2 SE,
Personal Paint 4.6,
WordWorth 4,
Datastore 1.1,
Digita Organiser/Print Manager,
Turbo Calc 3.5, Pinball Mania/Whizz,
PLUS FREE Mousemat & Dustcover

Only ...£389.99

Add £10.00 for a CHAOS Pack, Pack includes:- Nick Faldos Golf, Chaos Engine, Pinball Fantasies, Syndicate

4000 Tower

25Mhz 68040 CPU,
1.2GB SCSI-2 HD/6MB RAM
AT/IDE HD Interface,
SCALA MM300.

£2149.99

Call for details - prices on 060 version.

AMIGA M1438s

High resolution colour multisync monitor for all the Amigas, Built in stereo speakers.

£289.99

A500/A600 RAM

A500 1/2MB N/Clock	£19.99
A500 1/2MB W/Clock	£24.99
A500+ 1MB	£29.99
A600 1MB N/Clock	£29.99
A500 1MB W/Clock	£39.99

MITSUMI FX400

Internal IDE CDROM unit for the A4000 (requires tandem CDROM controller) Super-fast 600Kb/Sec transfer rate.
FX400 CDROM £149.99
FX400 Plus Tandem CDROM controller card £199.99

CDROM DRIVES

AIWA CDROM

External SCSI CDROM for the A1200. Plugs into the PCMCIA port, Fast 300Kb/Sec transfer rate, Connect up to six other SCSI peripherals,
Dual speed..... CALL

STUDIO 2 PRINTER S/W

Professional print studio for the Amiga. Enhance the output of your printer inc. 720DPI on Epson Stylus Colour,
Only..... £49.99

PRINTERS

EPSON

Stylus Colour - II inkjet printer offers photographic like quality when used with optional 720DPI printer driver (coated paper required). Built in auto sheetfeeder,

New low Price

From only..... £299.99

Coated 720DPI paper (200 Sheets) £22.99

MODEMS

EXTERNAL

BABT approved FAX/Modem, Complete with all leads, PSU and Comms software,
Low Price 14,400 ..... £109.99
V34 - 28,800 ..... £179.99

LOGIC3 SCREENBEAT SPEAKERS

SB 3 (10W)	£15.99
SB 25 (25W)	£29.99
SB PRO 50 (50W)	£39.99
SB PRO 80 (80W)	£89.99

All speakers come with cables

ACCESSORIES

240 CAPACITY DISK BOX

The Logic3 stackable storage box holds up to 240 disks,
Only..... £12.99
ASK FOR QUANTITY PRICES

ALFA DATA PRODUCTS

Megamouse-400dpi	£12.99
Megamouse-3 Button	£14.99
Auto J/Mouse switcher	£14.99
AT-Bus2008/IDE	£79.99
AT-Bus2008/SCSI	£109.99
AlfaPower/A500/IDE	£89.99
Tandem Controller	£59.99

APOLLO ACCELERATOR

APOLLO 4040/4060

The new Apollo A4000 Accelerator fits into the CPU slot of the A4000 (A3000/T). Fully upgradable to the Motorola 68060 CPU (Call for prices & availability). Comes in 33, 40 & 50Mhz versions, 4 x 72pin SIMM for A3000 Desktop) & SCSI-2 controller

040/40Mhz £699.99 | 060/50Mhz £899.99

APOLLO 1220

The 1220 combines the best Price/Performance ratio for any Amiga 1200 accelerator. With a 68020/28Mhz and 28Mhz 68882 FPU, 1 x 72pin SIMM socket (1 or 4MB). Real-time battery backed clock

Only.....£99.99

620

The worlds first accelerator for the A600 is here...
25Mhz 68020 CPU, 68882 FPU, 1 x 72pin SIMM socket (1, 2, 4 or 8MB).
Requires internal fitting

£139.99

2030

Accelerator card for the A1500/2000. Available in 25 & 50Mhz versions, complete with 68882 FPU & SCSI-2 interface. Not compatible with GVP cards

From £299.99

HOW TO ORDER

BY POST: Please make cheques and Postal Orders payable to "Visage Computers" Please allow 5 Working days for cheques to clear

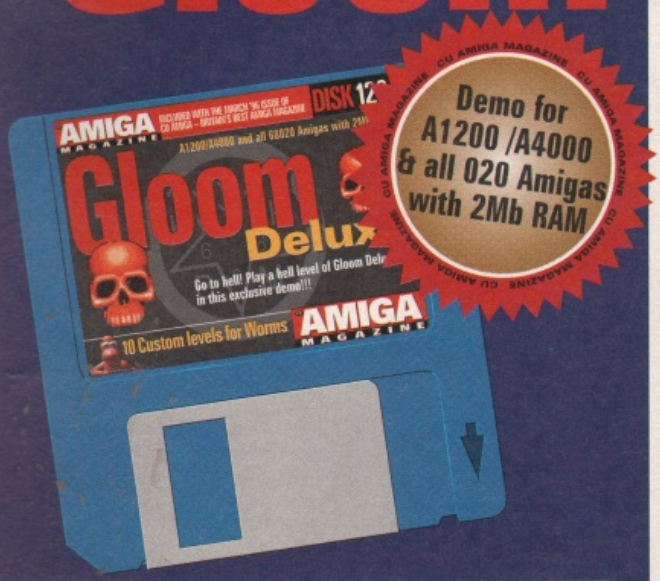
WE ACCEPT ALL MAJOR CREDIT CARDS INCLUDING SWITCH & VISA

BY PHONE: Credit/Debit card orders taken from 9.30am - 5.30pm Monday to Saturday

DELIVERY CHARGES
NEXT DAY....£6.95
STANDARD..£3.95

CALL (0115) 964-2828 OR (0115) 964-2898 TO PLACE YOUR ORDER

DISK 129
Gloom Deluxe



Gloom is back with a shiny new 1x1 pixel coat and check out the Worms levels courtesy of CU Amiga Magazine readers ...

Fancy trying your hand at the hell level of *Gloom* in brilliant high resolution? Then you're in luck! This version of *Gloom* is optimised to run at 1x1 pixel resolution but this resolution can be adjusted upwards or downwards by pressing the esc button and using the cursors to select pixel height and pixel width. Pressing the esc button will toggle the various options. The screen size can also be adjusted to speed things up too, and using a combination of both you should be able to find a happy medium.

What you'll also find is that this level is very, very difficult. Even if you're used to *Gloom* it will take you by surprise. First pick up the two weapon boosters on the left and right hand sides of the room and then, in the alcove, press the fateful button. The wall opposite will rotate and a great horrible demon will rush at you. I tell you this because it's quite shocking when it happens and there's no harm being forewarned of this sort of thing.

If you have a graphics board or virtual i-glasses, you can select options in the machine configuration window which appears at the beginning which will allow you to use any of these, though bizarrely it was slower on the Mat's A3000's graphics board than in ECS!

Control is easy as pie (which is lucky 'cos the level is such a pig). Using the up, down, left and right cursors you can move forward, backwards, left and right. Alt is the fire button. If you finish the level within the first ten goes give yourself a pat on the back. In fact, if you finish it in the first 30 goes give yourself a pat on the back!

Worms Levels

On disk 129 there are 10 custom Worms levels. You will DEFINITELY need a copy of the original game to run these levels, OK. First though you will need to decompress them onto a blank, formatted disk. Follow these steps, swopping Disk 129 'GloomProg' when prompted:

1. Format a blank disk, naming it Custom.

2. Open the shell and type the following:

```
Copy GloomProg:c/UnLZX ram:
Copy GloomProg:WormsMaps.LZX ram:
```

Inserting Disk 129 (called GloomProg) when prompted.

3. Type the following in the shell:

```
CD Custom:
ram:UnLZX x ram:WormsMaps.LZX
```

Inserting the disk Custom when prompted.

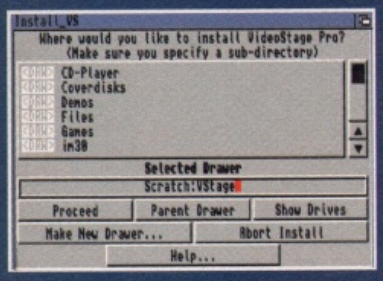
The custom maps will not be extracted to your floppy disk. If you have *Worms* installed on a hard drive you will not have to create the floppy 'Custom'. Just place disk 129 in your drive and follow the instruction Step 2. Then type `CD HD1:Games/Worms/TWCustom` (or whatever partition and directory you have the Worms drawer in), and type the same instruction as for floppy users. To load the custom maps into Worms go to the Records menu and click the 'next' button twice. This will bring up a two option menu allowing you to Change level disk or List custom levels. If you're working from floppy, clicking the Change option after inserting the Custom disk will log your ten new levels. Then pressing List will actually list them. Make a note of their names and when you Start a level press the right mouse button and enter one of these names. You will now be able to play on *Worms* custom screens like 'Fruity' or 'Pencils'. Enjoy.

cover disks How to Load...

Cover disk 128
VideoStage Pro

VideoStage Pro must first be installed to your hard drive. Boot your hard drive and insert cover disk 128. Double click the disk icon then double click the Install_VS icon. You'll be asked to enter your name and your company or area. These details will appear each time you start the program. The installer will make an educated guess as to where you want to install *VideoStage*. If this is correct, then click on Proceed and you're off.

However, if you would like to re-direct the installer to another drive, partition or drawer, then select the desired location. In this case you will have to tell the installer to make a *VideoStage* drawer in your specified destination, so click on Make New Drawer and type `VStage`, then continue following the on-screen instructions.



Double click the *VStagePro* icon (found in the specified destination on your hard drive) to run the program.

xfdDecrunch:

This package allows you to decompress virtually any form of compressed file without having the original packer. Installation to floppy of hard drive is slightly tricky and will have to be performed in the AmigaDOS Shell. Type the following instructions into the shell with disk 128 in DF0:

```
Copy CU_128:XFD/libs libs: ALL
Copy CU_128:XFD/c c:
```

This will install all the libraries and executables to your boot drive. If booting from floppy, you'll have to make sure there is sufficient space free.

'To decompress a file, simply use the following command in the Shell:

```
xfdDecrunch <file>
```

The file will be decompressed and replaced with the uncompressed version. You might like to try using xfdList to fetch a list of a directory and identify any compressed programs. Use the following instruction in the shell to do so:

```
xfdList <directory>
```

Readers having problems running *Imagine* on a 3Mb free-mem system, might like to decompress the *Imagine* executable. *xfdDecrunch* has no problem with the task.

ImGauge

One of the minor problems with our January edition covermount *Imagine* package is that the progress display during a render is just a tiny little numeral in the tool bar. Enter *ImGauge*, on disk 128, to solve the problem if you have OS 3.0 and above. Usage is dead simple as all you need to do is run *ImGauge* before loading up *Imagine*, so that they are both running at the same time. A GUI will appear which can be resized from very small to very large. When Imagine starts a render, the gauge will show the progress. To install *ImGauge*, just load up workbench, insert disk 128 and drag the *ImGuage* icon to whichever drive you want to install it to. Easy.

Cover disk 129
Gloom Deluxe

Gloom Deluxe is a bootable disk. Put it in your Amiga and re-start it. You will boot up into a setup screen, which allows you to configure it to your machine. Clicking on the C2P bar will allow you to choose a new chunky to planar routine. You can also select *Gloom* for Virtual i-glasses if you have them!

Worms Levels

The 10 worms levels are compressed on disk 129. To decompress and use them follow the instructions in the 'Worms Level' boxout on page 11.

IF YOUR DISK WON'T LOAD

We go to great trouble to ensure that the CU Amiga Magazine cover disks will work on common Amiga models. However, if you do experience problems follow this simple guide. We also vigorously virus check our cover disks on a branded virus checker. If some escape our attention we cannot assume responsibility for it.

1: Remove all unnecessary upgrades and peripherals, such as printers and modems. Some trapdoor expansions can also cause problems.

2: Follow the instructions on this and previous pages exactly.

3: If you still experience problems loading the disk call the PCWyse helpline on 01685 350 505 between the hours of 10am and 12noon Monday to Friday.

If they advise that the disk is faulty, fill in your details in the form below, and send this form, along with the faulty cover disk and a 28p stamped self addressed envelope to:

CU Amiga Magazine Disk Returns, PCWyse Dowlais Top Business Park, Dowlais, Merthyr Tydfil, Mid Glamorgan CF48YY.

NAME: .....

ADDRESS: .....

TYPE OF AMIGA OWNED: .....

DISK NUMBER: .....

DESCRIBE EXACTLY WHAT HAPPENS WHEN YOU TRY TO LOAD THE DISK:

.....

.....

DATAFLYER SCSI+

Now includes CD ROM drivers and instructions.

The Dataflyer is a 16 bit SCSI II controller card that converts the signals on the internal IDE interface to also run SCSI devices at the same time as the IDE hard drive.

The Dataflyer SCSI+ will operate upto 5 SCSI devices such as CD-ROMS, hard drives, SyQuest removeable drives, tape back up drives etc.

Unlike other SCSI interfaces, the Dataflyer SCSI+ is compatible with all known accelerators etc and it does not stop you from utilising any of the important expansion ports on your A1200/A600.

The Dataflyer SCSI+ easily installs into the A1200/A600 (simply pushes in, no need to remove the metal shield) and provides a 25 way D connector through the blanking plate at the back of the A1200.

Full instructions and software supplied.

DATAFLYER SCSI+ ONLY £69.99
SQUIRREL SCSI INTERFACE ALSO AVAILABLE £59.99
PCMCIA fitting SCSI interface

2.5' HARD DRIVES

Our high speed 2.5' IDE hard drives for the Amiga A1200 & A600 computers come complete with fitting cable, screws, partitioning software, full instructions and 12 months guarantee. All drives supplied by us are formatted, partitioned and have Workbench (WB2 for the A600 and WB3 for the A1200) installed for immediate use. Fitting is incredibly simple; if you can plug the mouse into the mouse socket, you will be able to plug the hard drive into the hard drive socket.

PLEASE PHONE FIRST!

FREE 'HOW TO FIT YOUR HARDDRIVE' video and Stakker disk to increase the drive's capacity with every hard drive ordered

FREE WHILE-YOU-WAIT FITTING SERVICE FOR PERSONAL CALLERS

85mb £89.99
120mb £104.99
170mb £119.99
250mb £139.99
340mb £174.99
540mb £284.99

SCSI CD ROM DRIVES

MEDIAVISION 'RENO'

Double speed CD ROM DRIVE complete with power supply, SCSI cables, docking station and full instructions. Also includes stereo headphones and carrying case for use as personal CD player.

RENO CD
WITH SQUIRREL £174.99
WITH DATAFLYER £174.99

IDEAL CHRISTMAS PRESENT

AIWA ACD-300

Top of the range external CD ROM drive. Suitable for use with any SCSI interface. Ideal with the Dataflyer SCSI+

AIWA ACD-300
ONLY £167.49 OR
WITH SQUIRREL £209.99
WITH DATAFLYER £209.99

CHINON CDROM

Superb high quality, low cost Chinon external SCSI CD ROM drive in a top quality fan cooled case or available as an internal unit.

CHINON CDS435
INTERNAL £79.99
EXTERNAL £109.99
EXTERNAL WITH SQUIRREL £154.99

QUAD SPEED CDROM DRIVE

Amazing value quad speed external SCSI CD ROM drive in a top quality enclosure.

PANASONIC QUAD SPEED EXTERNAL WITH SQUIRREL OR DATAFLYER
ONLY £239.99

APOLLO A1200 ACCELERATORS

APOLLO 1220

Amazing power for such a low price. This superb accelerator uses a 68020 running at 28hz and comes complete with a 68882 FPU to enable your A1200 to run at 5 MIPS (million instructions per second)! Uses standard 72 pin SIMMS and includes a battery backed clock. Simple trapdoor fitting.

APOLLO 1220 ONLY £99.99
APOLLO 1220 +1mb £139.99
APOLLO 1220 +4mb £229.99

APOLLO 1232/50

An incredibly powerful trapdoor fitting accelerator based around a 68030 complete with MMU, 2 SIMM sockets (72 PIN SIMMS), socket for a floating point unit and battery backed clock. Runs at just under 9.5 MIPS (million instructions per second!)

APOLLO 1232/50 £199.99
4mb SIMM £129.99
8mb SIMM £239.99
68882 FPU £69.99

APOLLO A620

Internally fitting A600 Accelerator features 68020 and FPU both running at 28MHZ. 72 pin simm socket for up to 8 Mb of FASTRAM. Easy fit, makes your 600 faster than a 3000!!

NEW PRODUCT

APOLLO A620
ONLY £134.99
+ 2MB £199.99
+ 4MB £264.99

siren

No.1
FOR MAIL ORDER

No.1
FOR AMIGA IN MANCHESTER

Order NOW for immediate despatch

FREEPHONE
0500 340548
(credit/switch card sales only)

tel: 0161 796 5279
for enquiries or
fax: 0161 796 3208

Send cheques or postal orders (made payable to Siren Software) or credit card details to:-

SIREN SOFTWARE,
178 BURY NEW RD,
WHITEFIELD,
MANCHESTER
M45 6QF,
ENGLAND

Access, Visa, Switch, Delta, Connect etc accepted

OPEN:

Monday to Friday 9am to 6pm
Saturday mornings 9am to 12pm

Personal callers welcome.

Please phone first to check availability of any item.

DIRECTIONS:

From the M62 Junction 17 head towards Bury. We are 50 yards on the right hand side after the third set of lights. The door to our premises is next to the florists opposite the Masons Pub.

All prices include VAT. Postage and packing will be charged at £3.50 per order (U.K.), £7.50 Europe and £12.50 rest of the world.

DATEL DIRECT

buying direct from the manufacturer means both low prices and a service second to none !

01782 744707
24hr Mail Order Hotline

ACCESS VISA SWITCH

FAX 01782 744292

PROFESSIONAL MIDI KEYBOARD & INTERFACE DEAL!

Full size velocity sensitive Midi keyboard PLUS Midi Master professional Midi interface. Total Package!!

ONLY £99.99
KEYBOARD+ MIDIMASTER + FREE MIDI CABLES

MIDI MASTER PROFESSIONAL MIDI INTERFACE

NEW LOW PRICE

FULL FEATURE MIDI INTERFACE

MIDI MASTER AVAILABLE SEPERATELY
£19.99 Complete with a FREE midi cables

- Full specification Midi In, Midi Thru and Three Midi out sockets.
- Stylish case to match Amiga colours
- Fully Opto Isolated.
- Compatible with ALL leading music packages.

FULL MIDI SPECIFICATION:

- 49 Standard size, velocity sensitive keys with 10 velocity curves.
- Supports all assignable Midi controller messages.
- Supports all program numbers numbers & bank change messages.
- Programmable channel pressure & velocity. ● Pitch bend wheel.
- 6 user programmable " Program & Bank Change" memory. ● 805x208x87mm.
- Transpose up to full range of 109 keys. ● Standard MIDI out 5 pin Din.

DIGITIZING TABLET
NOW ONLY £99.99

AS AN ALTERNATIVE TO THE STYLUS INPUT THE GENIUS TABLET ALSO HAS OPTIONAL FOUR BUTTON PUCK.

GENIUS PUCK
£29.99 For Digitising Tablet

- With the Amiga Genitizer Graphic Tablet you can streamline the operation of most graphic or CAD programs.
- The Genitizer Graphic Tablet utilises latest technology to offer up to 1000 dpi resolution at the tip of a stylus.
- Complete 9"x6" digitizing area plus super accurate stylus combine to enable fast, accurate and easy control.
- Works by "mouse emulation" so the Genitizer will work with most packages where mouse input is the usual method-Deluxe Paint, Photon Paint, CAD Packages, etc.
- Supplied with template for Deluxe Paint..
- This is the input method used on professional systems.
- Fast input of drawing by "tracing" is made easy - plus "absolute reference" means you can move around the screen many times faster than by a mouse.
- The Genitizer fits in the serial port of your Amiga 500/500+/600 /1200/1500/2000 and "co-exists" with mouse.
- Unlike a mouse, the tablet gives absolute co-ordinates so that tracking and menu selections are possible from the tablet face.

FREE PC INSTALLATION PACK
IF YOU BUY A GENIUS TABLET SYSTEM FOR YOUR AMIGA YOU WILL ALSO RECEIVE SOFTWARE AND MANUALS FOR INSTALLATION ON A PC ABSOLUTELY FREE!

MAGNETIC CARD READER

Explore the data hidden on Credit Cards, Debit Cards, Security & Membership Cards etc.

Simply swipe your card and read the contents
Reads tracks 1,2 and 3
Plugs into your Amiga Joystick Port.

MAGNETIC CARD READER
£59.99 Complete system

HIGH RES HANDY SCANNER

FREE PHOTON PAINT

- An easy to handle Scanner featuring 105 mm scanning width & 400 dpi resolution enables you to scan graphics/text into your Amiga 500/500+/600/1200/1500/2000..
- Includes hard disk transfer to run under Workbench.
- Adjustable switches for brightness/ contrast levels.
- Geniscan gives you the ability to scan images, text or graphics & even offers 200 Dpi Dual Scan Mode..
- Scan Grey Software included to convert half tone images to true Grey scales. Includes editing, zoom & processing features.
- Save images in suitable format for most leading packages including PHOTON PAINT, DELUXE PAINT, etc.
- View window and position control panel.
- Powerful partner for DTP that allows for cut & paste editing of images etc.

NOW ONLY
HANDY SCANNER
£79.99 With FREE PHOTON PAINT

GOLIATH

GOLIATH HAS THE POWER

Goliath is a direct power supply replacement with a difference! If you have an Amiga with a large hardrive, extra memory, accelerator board or indeed any powerful add-on then a standard Amiga power supply just cannot cope. The Golliath packs more

- Fan cooled.
- Heavy duty case.
- Switch mode electronic system.
- Full 200 watt output.
- On/Off switch.
- 13 Amp uk approved mains lead.
- Direct plug-in replacement.
- Also available for cd 32.

AMAZING 200 WATTS OUTPUT!

GOLIATH POWER SUPPLY
£44.99 3 times the power of a standard power supply

THE ANSWER TO ALL YOUR DISK BACKUP PROBLEMS

SYNCRO EXPRESS is a sophisticated hardware *and* software package that works by directly controlling your second drive as a slave device ignoring the Amiga's own disk drive controller. This way SYNCRO EXPRESS delivers power to backup programs,when other backup systems fail.

- The most powerful disk backup system ever conceived.
- Very simple to use requires no user interface.
- Powerful "SYNCRO MODE" actually synchronises your drives to achieve even greater backup power!
- Menu driven selection of start/end track. Upto 85 tracks.
- Totally "transparent" hardware switches out automatically when not in use.

SYNCRO EXPRESS
£34.99
For A500/600/1200

NOW VERSION 5.0

WARNING 1988 COPYRIGHT ACT
It is illegal to make copies, even for your own use, of copyright material, without the given permission of the copyright owner, or the licensee thereof.

Pro Action Replay

Designed and Manufactured by DATEL ELECTRONICS

FOR THE AMIGA A1200

SPECIAL FX SYSTEM

NOW PLAY YOUR FAVOURITE GAMES TO DESTRUCTION!

ACTION REPLAY GIVES YOU THE POWER TO FREEZE ANY PROGRAM AND TAKE TOTAL CONTROL!

- NEW Save the entire program in memory to disk or even hard disk. The saved program will reload and run from the point where it was frozen. Perfect to transfer disk games to hard drive to load in seconds!! *
- NEW Game trainer feature gives you the power to find cheats within any game. Infinite LIVES, ENERGY, LEVELS etc. Ultimate GAME BUSTING POWER.
- Screen Grabber option lets you freeze and save screen to disk. Pictures saved in IFF format suitable for all leading graphics packages.
- NEW Powerful monitor functions give you all the tools to freeze and hack the program in memory. Full 68020 assembler/disassembler. Breakpoint & trace- single step commands Remember that ACTION REPLAY lets you view the program in it's frozen state- no other toolkit can offer this feature.
- NEW Powerful hardware features custom logic and on-board scratch ram so No AMIGA MEMORY IS USED.
- NEW Works with up to 8 megs of Amiga RAM!
- NEW Very simple to install.. Just plug into A1200 trapdoor.

HARD DISK SUPPORT

A1200 ACTION REPLAY

£59.99 Amiga1200

Very simple to use - Just press the freeze button to take total control of the frozen program in memory.

TRANSFER YOUR DISK PROGRAMS TO HARD DRIVE!

*Works with most games.

DATEL DIRECT

Here at Datel we have been designing exciting computer peripherals for over 10 years.

By dealing direct with the manufacturer you can be sure we offer the latest products at the keenest prices.

Our sales and technical staff will be pleased to advise you and we will deliver your order to your door within days. Why not give us a try.

01782 744707

24hr Mail Order Hotline

ACCESS VISA SWITCH

AMPLIFIED STEREO SPEAKERS

YOUR AMIGA HI-FI STEREO SOUND. WHY PLAY THIS THROUGH A SMALL TV SPEAKER WHEN YOU CAN HAVE FANTASTIC HEAD-BANGINGLY GLORIOUS ARCADE STEREO?

10 WATTS £14.99

▲ Blasts out 10 watts of power! ▲ Clip onto your TV/ Monitor.

Logic 3 MAGNETICALLY SHIELDED

50 WATTS £34.99

Logic 3 MAGNETICALLY SHIELDED

8 BIT SOUND SAMPLER

FULL 8 BIT SAMPLING AT A NEW LOW PRICE

- ▲ Full 8 Bit Sound Sampling System. For A500/1500/2000/
- ▲ Fits into Printer Port.
- ▲ Complete Hardware/Software package including Sound Sampler

8 BIT SOUNDSAMPLER

£19.99 Amiga 500/ 500PLUS Amiga 1500/2000

Competition PRO CD 32 JOYPAD

CD 32 JOYPAD £16.99

- ▲ TURBO FIRE
- ▲ SLOW MO & AUTOFIRE
- ▲ 8 WAY SUPERSWITCH.

AMIGA HYPERPAD

2 BUTTONS EACH WITH SPEED CONTROL

PERFECT FOR REAL ARCADE STYLE GAMES

AUTOFIRE SPEED SELECT

AMIGA HYPERPAD £12.99

INTERNAL MIDI CARD

FULL FEATURE MIDI INTERFACE

- ▲ INTERNAL MIDI CARD FOR A2000 &1500
- ▲ Full feature Midi Interface - Midi In, Midi Thru and Three Midi outsockets
- ▲ Opto Isolated.

INTERNAL MIDI CARD

£19.99 Amiga 2000 &1500

REPLACEMENT DISK DRIVE

- ▲ Top quality external 3.5".
- ▲ Quiet operation.
- ▲ Small footprint slimline design.
- ▲ Built-in anti-click feature.
- ▲ Daisy chainable via thru port.
- ▲ No need for external PSU.

REPLACEMENT DISK DRIVE

£49.99 Direct Plug-in Replacement

3.5" INTERNAL FLOPPY DRIVE

- ▲ Quality Chinon Mechanism .
- ▲ Features special eject button.
- ▲ Quiet operation.
- ▲ Includes mounting pillars.
- ▲ Comprehensive instruction manual.

INTERNAL DRIVE

Amiga 500/ 500PLUS **£39.99** | Amiga 600/ 1200 **£49.99**

AMIGA VIDEO INTERFACE

This Amiga video interface allows you to output S-VIDEO or COMPOSITE PAL from your Amiga.

- ▲ Connects to Amiga monitor port. Thru connector allows standard Monitor to be connected simultaneously
- ▲ Separate output gives S-VIDEO or COMPOSITE PAL output (please state which required)
- ▲ Ideal for many video applications including titles etc.
- ▲ Allows Amiga to be used with any SCART TV if you don't have an Amiga monitor

VIDEO INTERFACE £34.99

ACTION LINE BBS

5 NETWORKED PC's WITH OVER 10 GIGS OF DATA

ACTION LINE is the biggest and best BBS yet! Over 10 GIGS of data. Loads of game cheats, PD, shareware, images,chat, adverts, Large AMIGA only section - Plus much, much more! All speeds to v32 FAST.

INSTANT DOWNLOAD NUMBER

0891 516353

No subscription- Just pay for the call*

8 lines

* 0891 calls cost 36p /min cheap rate, 48p at all other times

DEALER ORDERS WELCOME

CALL 01782 744707 and we will ship your order same day*

- ▲ Please add £2.00 per order.*
- ▲ For next day delivery add £5.00
- ▲ For export orders we will quote shipping at cost via UPS.

01782 744707 24hr Mail Order Hotline

FAX 01782 744292

* stock items * except where inclusive

DATEL DIRECT

GOVAN ROAD, FENTON INDUSTRIAL ESTATE, FENTON, STOKE-ON-TRENT, ST4 2RS, ENGLAND

01782 744707

FREE DIRECTORY OPUS 4.12 WORTH OVER £50

MAKES YOUR AMIGA MORE THAN 2 TIMES FASTER - 2.88 MIPS

MAGNUM RAMS
A1200 8 MB RAM ACCELERATOR

	No FPU	33MHz FPU
0MB	£49.99	£89.99
2MB	£119.99	£159.99
4MB	£159.99	£199.99
8MB	£249.99	£289.99

SPEED INCREASE OF NEARLY 2.3 TIMES ♦ AVAILABLE WITH 0, 2, 4 OR 8MB OF 32-BIT RAM INSTALLED ♦ USES STANDARD 72-PIN SIMMS ♦ OPTIONAL PLCC TYPE FPU (FLOATING POINT UNIT) ♦ BATTERY BACKED CLOCK/CALENDER ♦ FINGER CUTOUT TO HELP INSTALLATION ♦ 0-4MB - PCMCIA COMPATIBLE (FOR USE WITH OVERDRIVE, SQUIRREL ETC.) ♦ ZERO WAITE STATE DESIGN.

NEW PRICES & PRODUCTS FOR '96

FREE DIRECTORY OPUS 4.12 WORTH OVER £50

MAGNUM 030/40
A1200 40MHz '030 Processor Accelerator

NEW

	No FPU	33MHz FPU
0MB	£139.99	£179.99
2MB	£199.99	£239.99
4MB	£249.99	£289.99
8MB	£349.99	£389.99
16MB	£549.99	£589.99

MAKES YOUR AMIGA MORE THAN 5.6 TIMES FASTER - 7.12 MIPS

SPEED INCREASE OF OVER 5.6 TIMES ♦ 680EC30 Processor running at 40MHz (TRUE 40MHz chip - NOT Overclocked) providing 7.12mips of power ♦ Up to 128Mb of RAM can be added ♦ Available with 0, 2, 4, 8 or 16Mb of 32-bit RAM Installed (call for higher SIMM sizes) ♦ Kickstart ReMapping ♦ Optional SCSI-II interface ♦ Can accommodate a 72-pin industry standard SIMM ♦ Optional PLCC type FPU (Floating Point Unit) ♦ Battery Backed Clock/Calender ♦ PCMCIA compatible so you can still use products such as OverDrive HD or CD/Zappo CD-ROM or Squirrel ♦ Zero Waite State Design.

SCSI-II OPTION

THE MAGNUM '030/40 CAN ALSO BE EXPANDED VIA OUR WARRANTY SAFE SCSI-II INTERFACE TO SUPPORT UP TO 6 SCSI DEVICES WITH DIRECT ACCESS TO THE '030 PROCESSOR AND MEMORY FOR ULTRA-FAST ACCESS. OUR CONTROLLER IS ALSO COMPATIBLE WITH THE VIPER-II CARD.

£79.99 NEW

33MHz FPU

AN FPU DRAMATICALLY INCREASES THE SPEED OF MATHEMATICAL CALCULATIONS (BY UP TO 127 TIMES!) AND WE WOULD RECOMMEND IT FOR USERS OF GRAPHICAL APPLICATIONS SUCH AS IMAGE FX, LIGHTWAVE, VISTA PRO, IMAGINE ETC. OUR FPU PACK COMES WITH THE TIMING CRYSTAL AND IS COMPATIBLE WITH MOST A1200 RAM/PROCESSOR ACCELERATORS SUCH AS OUR APOLLO/MAGNUM DESIGN, HAWK, BLIZZARD AND VIPER. IF BOUGHT INDEPENDENT OF OUR BOARD THE PRICE IS

£44.99 (OR £40 WITH AN A1200 BOARD)

560DPI 3 BUTTON MICE & MATS
for all Amigas & Atari STs

BEIGE £12.99
BLACK £14.99
MAT £2.99 OR £1 WITH A MOUSE

AWARD WINNING 560DPI RESOLUTION ♦ 90% RATING IN CU AMIGA ♦ MICRO SWITCHED BUTTONS ♦ AMIGA/ATARI ST SWITCHABLE ♦ ALL 3 BUTTONS CAN BE USED WITH MANY PROGRAMS SUCH AS DIRECTORY OPUS 5

ENTERPRISE
DeskTop Workstations for all Amigas

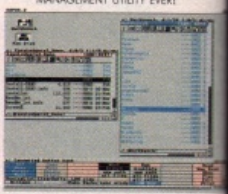
SINGLE WORKSTATION FOR A500/600/1200 £29.99

DOUBLE WORKSTATION FOR A500/600/1200 PLUS EXTRA SHELF £34.99

WIDE WORKSTATION A500/600/1200 WITH ADDITIONAL SIDE PERIPHERALS (HARD DISK OR FLOPPY DRIVE) £34.99

DIRECTORY OPUS 5
Advanced File Management Software for all Amigas

OVER THE PAST 6 YEARS, DIRECTORY OPUS HAS BECOME ESTABLISHED AS THE MOST POPULAR DIRECTORY UTILITY ON THE AMIGA. WITH THE NEW OPUS 5, THE TRADITION CONTINUES. SMALLER, FASTER AND MORE EFFICIENT THAN EVER BEFORE, OPUS 5 HARNESSES THE POWER OF OBJECT ORIENTATED MULTITASKING DESIGN LIKE NEVER BEFORE. PUT SIMPLY, OPUS 5 IS NOW THE MOST POWERFUL HARD DRIVE AND FILE MANAGEMENT UTILITY EVER!



IDEAL CD MANAGEMENT SYSTEM
WITH ADVANCED DIRECTORY CACHING, FILTERING AND ARCHIVE HANDLING

♦ REDESIGNED AND REWRITTEN FROM GROUND UP. MUCH FASTER MORE EFFICIENT AND MANY NEW REVOLUTIONARY FEATURES. ♦ NEW INTERFACE WITH MORE MEANINGFUL CONTROL AND USEFUL POWER. ♦ AMIGA STYLE GUIDE COMPLIANT ENSURES CLEARER COMMUNICATION OF INFORMATION AND GREATER CONTROL. ♦ UNLIMITED NUMBER OF FULLY INDEPENDENT FILE DISPLAY WINDOWS AND BUTTON BANKS. BUTTONS CAN BE DEFINED FROM TEXT OR GRAPHICS ♦ MULTIPLE CONFIGURATION EDITORS - WHICH CAN BE USED WHILST PERFORMING OTHER TASKS! ♦ INTERNAL MULTITASKING ALLOWING YOU TO PERFORM MULTIPLE OPERATIONS SIMULTANEOUSLY. ♦ AMIGAGUIDE ON-LINE HELP ♦ ADVANCED FILE TYPE RECOGNITION SYSTEM INCLUDING OS3.x DATATYPE SUPPORT ♦ EXTENSIVE 'DRAG 'N' DROP' THROUGHOUT THE PROGRAM ♦ ADVANCED AREXX SUPPORT ♦ CAN EVEN REPLACE & ENHANCE WORKBENCH!

Workbench 2+ & Hard Disk Required

VERSION 5.11 NOW SHIPPING CALL ABOUT UPDATES FROM 5.0 AND 4.

£49.99

SATURN
External 1Mb Floppy Drive for all Amigas

COMPATIBLE WITH ALL AMIGAS ♦ HIGH QUALITY SONY DRIVE ♦ ROBUST METAL CASE ♦ ANTI-CLICK AS STANDARD ♦ ENABLE/DISABLE SWITCH ♦ LOW POWER CONSUMPTION ♦ THRU PORT FOR EXTRA DRIVES

FREE DIRECTORY OPUS 4.12 WORTH OVER £50

£49.99

POWERCOPY PROFESSIONAL 3
Hardware & Software Disk Backup Solution for all Amigas

PLEASE NOTE:- PERMISSION FROM THE COPYRIGHT OWNER MUST BE OBTAINED TO LEGALLY BACKUP YOUR SOFTWARE.

NEW

THE BEST DISK BACKUP SYSTEM ON THE MARKET. WE HAVE YET TO DISCOVER A PROGRAM THAT THIS CAN'T BACKUP. IDEAL TO PROTECT YOUR EXPENSIVE SOFTWARE LIBRARY.

£29.99

TITAN & X-LINK
High Speed BT Approved Modems for all Amigas

BOTH MODEMS HAVE THE FOLLOWING SPECIFICATION

BT APPROVED

♦ 14.4K OR 28.8K SPEEDS (V34 (28.8K), V32BIS, V32, V23, V22, V22BIS, V21) ♦ CABLE & SOFTWARE SUPPLIED (N-COMM FOR AMIGA) ♦ AUTOMATIC FALLBACK & FORWARD FOR OPTIMUM LINE PERFORMANCE ♦ GP FAX SOFTWARE OPTION ♦ INTERNET COMPATIBLE ♦ SEND AND RECEIVE FAXES FROM YOUR AMIGA ♦ BABT/BT APPROVED (LEGALLY REQUIRED FOR USE ON A BT LINE) ♦ MNP 2-5 & V42, V42BIS ♦ SYNC & ASYNC OPERATION ♦ GROUP 1-3 FAX TO 14.4K ♦ FULLY HAYES COMPATIBLE ♦ LED FRONT PANEL DISPLAY

	MODEM ONLY	MODEM & GP FAX
TITAN 14.4K	£99.99	£139.99
X-LINK 14.4K	£119.99	£159.99
TITAN 28.8K	£199.99	£239.99
X-LINK 28.8K	£219.99	£259.99

SOCCER MOUSE
for all Amigas

IDEAL GIFT FOR THE FOOTBALL MANAGEMENT GAME PLAYER ♦ HIGH RESOLUTION 400DPI ♦ 2 MICROSWITCHED BUTTONS ♦ ANTI-CLICK AS STANDARD ♦ INCLUDES A FREE PITCH MARKED MOUSE MAT

£19.99

FREE PREMIER MANAGER 2, SPACE CRUSADER & ZOOL 2 WORTH OVER £60 (WHILE STOCKS LAST)

ALSO AVAILABLE

EASYLEDGERS 2	AMIGA FORMAT GOLD - THE ONLY FULL ACCOUNTS PACKAGE - DEMO DISK AVAILABLE - CALL ABOUT TRAIL OFFER - £119.99 (LIMITED OFFER PRICE) - HARD DISK + 2MB RAM REQUIRED
GP FAX	THE ULTIMATE FAX SOFTWARE SOLUTION - AMIGA FORMAT GOLD - AMIGA COMPUTING 9/10 - £44.99
IMAGE FX 2.1A	THE ULTIMATE IMAGE PROCESSING SYSTEM - AMIGA FORMAT GOLD - 2MB & HARD DISK REQUIRED - £149.99
TURBOPRINT	PRINTER ENHANCEMENT SYSTEM - A MUST FOR ALL PRINTER OWNERS - AMIGA SHOPPER 90% - £49.99
TOWER SYSTEM	FROM MICRONIK FOR THE A1200 - "THE ULTIMATE A1200 EXPANSION" - CU AMIGA, 90% - £499.99

A500 512K RAM EXPANSION - £19.99 WITH FREE OPUS 4 WORTH OVER £50
A500PLUS 1MB RAM EXPANSION - £29.99 WITH FREE OPUS 4 WORTH OVER £50
A600 1MB RAM EXPANSION - £29.99 WITH FREE OPUS 4 WORTH OVER £50
10 2S/DD DISKS WITH COLOURED LABELS - £4.99
50 2S/DD DISKS WITH COLOURED LABELS - £19.99
100 2S/DD DISKS WITH COLOURED LABELS - £34.99

2 YEAR WARRANTY · FREE UK DELIVERY · MONEY BACK GUARANTEE

ON ALL PRODUCTS*
* Money back offer is only applicable to hardware items

ORDER HOTLINE
01322-527800
OR FAX 01322-527810

BETWEEN 9AM AND 5.30PM, MONDAY TO SATURDAY, TO PAY BY CREDIT CARD.
TO PAY BY CHEQUE OR POSTAL ORDER PLEASE RETURN THE ORDER FORM BELOW TO - WIZARD DEVELOPMENTS, PO BOX 490, DARTFORD, KENT, DA1 2UH

Order Item _____ Price _____
_____ _____
Name _____
Address _____
_____
Post Code _____ Phone No. _____

CHEQUES SHOULD BE MADE PAYABLE TO WIZARD DEVELOPMENTS.

WIZARD DEVELOPMENTS

VISA · Access · SWITCH

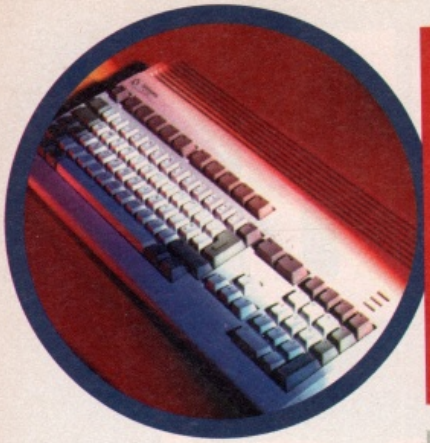
CONTACT US ON INTERNET
SALES@WIZARD-D.DEMON.CO.UK

Prices include VAT & carriage to the UK mainland. Please add £5 to your order for EC destinations and £10 for other countries. All products are subject to availability. E&OE. Advertised prices & specification may change without notice.

The CD Returns!

The April 1996 issue will feature the second CU Amiga Magazine Special Edition CD, packed with the software you want to see ... Don't miss out, order it from your newsagent now!

CD-ROM Special Edition 2 ... on sale March 14th



News

Maidenhead Closes Down Again!

Maidenhead must be jinxed as far as Amiga is concerned! Less than a year after Commodore UK closed its doors and only six months after being set up, the Maidenhead office of Amiga Technologies has closed down. The announcement came into effect on the 31 January 1996.

Set up to provide development support, sales and marketing, the success of the UK branch was always likely to be closely tied to the sales performance of the Amiga before and during Christmas 1995 and, according to industry sources, this has fallen far short of expectations.

Amiga Technologies UK will continue to be represented by staff at Escom UK headquarters in Stansted, Cambridgshire, but the closure has lead to three redundancies, including that of Jonathon Anderson, Joint General Manager. Jonathon was "disappointed", but "understood the situation" and all staff had apparently been informed of the redundancies before Christmas by Amiga Technologies' Managing Director Petro Tyschtchenko.

Despite initial worries that the closure of the office might mean a drastic cutting back of Amiga Technologies' commitment to the UK market, sources have stated that this is not the case, and the announcement that the World Of Amiga show is indeed taking place, with sponsorship from the German organisation has allayed worries for the time being.

At the moment it is not clear what new direction AT intend taking in marketing the Amiga in Britain, but the alleged poor sales results must mean that something has to happen soon. It's also not clear what sort of customer support and back-up will be supplied from the Stansted office.

Johnathan Anderson: "Disappointed".

AMIGA

John Smith is staying on in the new Stansted office as General Manager, and will retain overall control of Sales in the UK for all Amiga products and Virtual i-glasses. We'll have a full update next month. ■

New OctaMED

OctaMED SoundStudio V1 is 'nearly completed' according to RBF Software. *SoundStudio* aims to take the power of *OctaMED* and bring it right up to date by adding support for 16-bit sound cards and many features demanded by musicians frustrated by the traditional Tracker format.

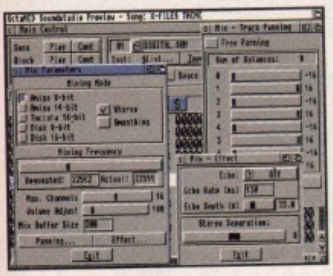
Among the new features is the ability to play up to 64 tracks of Amiga samples simultaneously (but don't expect perfect sound quality). A completely new notation editor has been developed as an alternative to the alphanumeric tracker display, which will also be present.

Due to the new sample replay routines, there will be no maximum size limit for samples other than the total available RAM. Direct to hard drive recording, full Toccata support, extra MIDI commands and a 200 page manual are also promised.

Registered users of *OctaMED 6* are eligible for a discount when upgrading. Look out for the full in-depth review in next month's CU Amiga Magazine.

OctaMED users with Internet access can now hook up to an official World Wide Web site for lots of *OctaMED* info and downloads. The address is as follows: http://www.compulink.co.uk/~octamed/

For more more information you can contact RBF Software at 169 Dale Valley Road, Southampton, SO1 6QX. Tel/fax: 01703 785 680.



Amiga-Link Price Drop

The networking system Amiga-Link featured in the February issue's networking article has been reduced in price from $299 (US) to $275 (US).

Amiga-Link is available from AmiTrix Development, 5312 - 47 Street, Beaumont, Alberta, T4X 1H9, Canada. If you would like some more information you can phone or fax them on (001 from UK) 403 929 8459.

World Of Amiga Confirmed

The World of Amiga show has been finally confirmed. It will run over the 13th and 14th of April in the Novotel, Hammersmith, London. This confirmation follows three changes of date for the show so far. The new show coincides with the Spring European Computer Trade Show, which starts on the 14th in neighbouring Earls Court.

Whether the timing is purely coincidental or not it should give AT an opportunity to talk at first hand with the games software industry at their most important UK show. We hope to see you all there supporting the Amiga.

World Of Amiga: Toronto

The Wonder Computers World Of Amiga Show in Toronto was a major event (*writes Jason Compton*), three days in the Toronto International Centre, with dozens of exhibitors, thousands of attendees and a smattering of celebrities it made history. So, what was there to do and see?

Meet the man, of course. None other than Petro Tyschtshenko, head of Amiga Technologies. He was on-hand for a day and a half and gave the keynote address, in which he informed the ladies and gentlemen of the audience of AT's plans for a North American re-launch with the upcoming A1200+ and talked about the Amiga's future with Motorola's PowerPC chip. Petro was also available for handshakes and conversation, provided you stood in line, at the SMG booth, where the North American distributors of Amiga machines had the A4000T, A1200, and A1438S monitor on display. There was even a spare A4000T lying on its side with the case taken off for nosy users and journalists to poke around in.

Facing the 4000T was MacroSystem's Draco, being shown off by distributors NoahJi's. While the Draco is billed as a non-linear editing computer with Amiga emulation, rather than as an 'Amiga clone', it seems clear that the Draco, having beaten the 4000T to market with a built-in 060, may be a serious competitor for professional market 4000T sales. Capable of absolutely incredible real-time and rendered video effects, the Draco has to be seen to be believed. Two big Amiga players from Germany represented themselves directly. The first, Village Tronic, showed off the official Amiga Technologies-approved AmigaOS 3.1 and AmiTCP 4 and a host of their other products including their time-proven Zorro-II graphics card, the Picasso II. Plans were revealed at the show to have a new, Zorro-III Picasso IV on the market by mid-1996.

The second, Phase5, drew an endless stream of gawkers to the tall glass case housing the recent items from the hardware developer. More interesting than the Blizzard, CyberStorm and CyberVision cards lying there was the engineering prototype of the PowerUP PowerPC 604 upgrade card for the Amiga 4000.

Wonder Computers organised and put on the World Of Amiga, and as such their presence could be seen in large numbers. Entering patrons couldn't help but notice the centrally-located Wonder Retail area with gobs of Amiga products piled high off the tables and the huge-screen TV with a *Scala*-updated listing of the show's sponsors and exhibitors. Across the hall was the WCi Distribution table, offering dealers and manufacturers a chance to connect with each other in North America.

For those who are already deeply entrenched in said market, they needed to look no farther than MicroScribe. The device, a joint effort between MicroScribe and Immersion Corporations, is a pen mounted to a serious looking piece of red steel. The pen "digitises" real-world 3D objects into *LightWave* objects on an Amiga or PC as the user touches the pen to points indicated by a grid (to be drawn on the object prior to digitisation.) The price is hefty, but the capabilities are simply amazing, and the potential for the product is staggering.

DKB, one of the few American Amiga hardware developers that still do general-interest products, made the journey to promote their new WildFire A2000 68060 accelerator board as well as to hype up their upcoming multi-IO and SCSI hardcard products. Promised for the future are WildFire A3000, A4000, and most likely A1200 units, bringing the entire line of recent Amigas up to the best Motorola has to offer 680x0 users.

Phantom Development, an American Amiga software publisher looking to capture several neglected markets, including development tools for GUI building and text editors, brought their product line and upcoming products for the people to see. Still promising, and still incomplete, the upcoming Hell Pigs action/adventure game demo was being shown. Hopefully, Croatian developers Classica will put the finishing touches on the game in short order so Phantom can unleash it to the world.

In addition to developers, several dealers came to offer their wares to the buying public. National Amiga, a firm which does the vast majority of its business on the World Wide Web, shared a booth with developer and retailer PreSpect Technology, developers of the MultiFace IV serial/parallel card for Zorro-equipped Amigas. Zipperware made the trip from America's Northwest, and Legendary Design was introducing some of its own in-house products as well as blowing out old Psygnosis titles for as little as $1 apiece.

It was a long, hard road to get a large-scale Amiga show in North America after Commodore gave up the ghost. But thanks to dozens of exhibitors and thousands of attendees, WOA Toronto '95 was a great success. Don't feel too bad if you missed it – plans are underway for WOA Vancouver '96, in June. ■

▲ Draco System's Sales Manager Bohus Blahut busily doing some work.

▲ A picture of the Amiga Technologies A4000T, up close and looking wirey.

▲ Wonder's Western Regional Manager Tim McGuire (centre) presides over the Wonder retail booth.

▲ Keynes Emeruwa and Trevor Kidd keep an eye on Wonder's WCi Distribution area.

Naughty Schoolgirl

The UK's only japanese-style cartoon magazine publisher, Gaijin Press Dojinshi, has announced that it intends to do an animated cartoon based around their main magazine character, Ariel High School Devil-Girl, using the Amiga.

According to Josh 'Oni' Clarke, the Manga style cartoon artwork used for the magazines is becoming increasingly popular in the UK and he hopes that the animation will help this along.

Anyone interested in the genre or the animation should contact him at Gaijin Press, 2 Birkdale Drive, Immingham, Grimsby DN40 2LB.

Matt Broughton's

Games in view

Another month, another page full of news courtesy of the games meister from hell. Incidentally, that's not his real hair in the picture, it's a plastic mould. Thank you.

Mornin'. Yes it's me. No, I'm not a Games Animal without any hair and a hanky covering over my increasingly shiny spam, I'm just a man with a man's desires and needs. Er, anyway ... what say we get this show on the road?

Acclaim Entertainment isn't a name which has been connected with the Amiga games scene recently, but thanks to a few recent acquisitions, will be in your thoughts very shortly. In fact, if you're not already sitting down, I suggest you ready yourself, because there are THREE games arriving on the good ship Acclaim any day now (yes, incredible, non?)

First up is **Domark**'s **Total Football** – a product that's been flapping around for some while, but has been delayed and delayed thanks to some annoying bugs that no-one could kill. No release date has been confirmed as yet, but nice Mr Simon Smith-Wright from Acclaim reckons that we should see something within the next three months.

The second game from the Acclaimers is the excellent basketball romp, **NBA Jam: Tournament Edition**. Having just enjoyed a good innings on 16-bit consoles and the Sony PlayStation, this has proved problematic to convert, but with top developers Dome on the case, Acclaim are hoping to have something to see jolly damn soon indeed. For those of you not familiar with this title, it's one of the more simple basketball games around – with a two-on-two structure – and it's not so worried about realism as it is with having fun (you remember 'fun' don't you?) Features include power-up icons on-court accessing enormous flaming balls (yes, chuckle chortle, etc) speed-ups, and all manner of point bonuses to annoy your opponent just when he thought he had you beaten.

And finally from Acclaim (and here's some REAL news) it's **Putty Squad**. It's true! Having first appeared in the Amiga press about a year or so ago, this excellent platform game from System 3 has finally found a way out into the light, and should be out, if not by the end of February, then certainly by March (and before you ask, yes that is March 1996). Acclaim managed to pick up this title at the end of the year when System 3 (bloody brilliant developers that they are) were struggling with distribution. So should we expect to see much more of Acclaim this year? Well no, not really. It appears that those groovy funksters aren't going out of their way to get back into the Amiga market, but what with all the Escom news going on last year, coupled with the fact that they thought all these titles were pretty sexy, they certainly won't be running away from nice distribution deals such as these.

▲ Originally in the hands of Domark, Total Football will now be handled by Acclaim.

Well we haven't heard from **Flair** for a while, but they're back on the scene, touting a new game called **Double Agents**. Details are a bit thin at the moment (i.e. their nice man forgot to send my the fax he promised!) but I'm sure I'll find out more soon. The only thing I know is that it's due for a March release.

As for whether more Amiga products will be arriving on the Flair Express in the near future, well ... in the words of Flair's main man, Colin, "Pass!". A man of few words, our Colin. Anyway, apparently it all depends on the retailers and distributors. Due to the increasing shortage of shelf space in games shops, it's proving very hard to get products through the door and into the punters' bedrooms. Another problem for such companies as far as making money goes (which, after all, is what finances future developments) is that, while countries like Germany have always proved very important market places for Flair, now that those crazy, sausage-chewing loons seem to be easing up on the Amiga front, well ... let's just say that future products look a bit unlikely at the mo'. Still, you never know.

Another 'simply smashing' bit of news for Amiga gamers this month comes from **Empire Interactive**, where, following on from last month's football one they are putting together more compilations.

So there you are folks, some OK news but some pretty damn good news as well. And just to gloat in your faces, I'm off to New York again tomorrow morning, so you can expect a new photograph of my smug mug next month. Nothing to do with the Amiga games scene I know, but hey, I just enjoy annoying you. So have fun, and hell, why not have a look at the new HMV charts – they're just so sensuous. Be seeing you ...■

Matt Broughton

HMV CHART...
Amiga Top Games

No	TITLE	PUBLISHER
1	Worms	Ocean
2	Player Manager 2	Virgin
3	Alien Breed 3D	Ocean
4	Soccer Stars 96	Empire
5	Sensible Golf	Virgin
6	Sensi World of Soccer 95/96	Virgin
7	Premier Manager 3: Multi-Edit	Gremlin
8	Civilization	Digital
9	Tactical Manager	Ocean
10	Ultimate Soccer Manager	Sierra

CD-ROM

DUAL-SPEED
£179*

QUAD-SPEED
£249

POWER CD-ROM

The Power CD-ROM for the Amiga 600/1200 plugs directly into the PCMCIA port and provides a direct SCSI-I and SCSI-II interface, allowing up to six additional devices to be connected. What's more the Power CD-ROM features a 'Hot-plug' which allows you to connect and disconnect the CD-ROM and any other additional devices even when the Amiga is switched on.

The CD-ROM drive comes with a SCSI interface, PSU, manual, audio lead, mains lead and software which includes Audio CD, CD32 Emulator, MPEG Film Decoder and Photo CD.

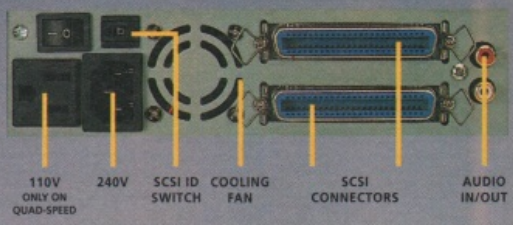
AMIGA 600/1200

x2 SPEED CD-ROM INC.SQUIRREL . . **£179**
X4 SPEED CD-ROM INC.SQUIRREL . **£249**

AMIGA 4000

DUAL SPEED CD-ROM EXT. **£139**
QUAD SPEED CD-ROM EXT. . . . **£199**
AMIGA 4000 SCSI-INTERFACE . . **£129**
SCSI CABLE **£10**

QUAD-SPEED



CD-ROM'S

AMINET SET 1 (4 CD'S)	£25
AMINETSET 2	£25
AMINET 5	£12
AMINET 6	£12
AMINET 7	£12
AMINET 8	£12
MEETING PEARLS 1	£10
MEETING PEARLS 2	£10
MEETING PEARLS 3	£10
AMIGA TOOLS 3	£25
XIPAINT V3.2	£35
CD-WRITE	£39
CD-BOOT 1.0	£29

80-WATT
£54

*DUAL SPEED CD-ROM CASING DIFFERS FROM ONE SHOWN
SCSI INTERFACE REQUIRED FOR A4000

NOTICE

Power Computing Ltd no longer sell this product due to the lack of support for VCD and CD-i formats (i.e MPEG Films). This CD player will not play movies.

THE AMIGA IS BACK

A1200 PACK

2MB of RAM
3.5" Floppy Drive
2.5" 170MB HD Option
Wordsworth v4se
Digita Datastore v1.1
Digita Organiser v1.1
Turbo Calc v3.5
Photogenics v1.2se
Personal Paint v6.4
Workbench v3.1
Whizz 3D Game
Pinball Mania Game

2MB-NO HD **£389**
2MB+170MB HD **£489**

A4000 TOWER

6MB RAM
68040/25 or 68060/50
Workbench v3.1
AGA Chip Set
16.7 Million Colours
1.2GB SCSI Hard Drive
1.76MB Floppy Drive
2 x 3.5" Drive Bays

68040+1.2GB **£2199**
68060+1.2GB **£2499**

All prices include VAT

SCALA MM300 SOFTWARE
hard drive versions.
Does not include disks or manuals

I-GLASSES **£579**

AMIGA MONITOR **£289**

PCMCIA Smart Card Slot
32-bit 68020EC Processor
AGA Chipset
16.7 Million Colours
Built-In Modulator

Monitor not included with A4000T

68040/25Mhz or
68060/50Mhz Processor
6MB RAM
1.2GB Hard Drive
1.76 Floppy Drive

FOR ORDER FORM SEE DPS ADVERT

TEL: 01234 273000 FAX: 01234 352207

POWER COMPUTING LTD 44A/B STANLEY ST. BEDFORD MK41 7RW

POWER.

ALL PRICES INCLUDE VAT. SPECIFICATIONS AND PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL TRADEMARKS ARE ACKNOWLEDGED. ALL ORDERS IN WRITING OR BY TELEPHONE WILL BE ACCEPTED ONLY SUBJECT TO OUR TERMS AND CONDITIONS OF TRADE, COPIES OF WHICH ARE AVAILABLE FREE OF CHARGE ON REQUEST.

Late Night Opening Wednesday & Thursday till 7.30pm

Open Sunday 11am to 4pm

FIRST COMPUTER CENTRE

HOW TO ORDER

Order by telephone quoting your Credit Card Number. If paying by cheque please make payable to: "FIRST COMPUTER CENTRE" In all correspondence please quote a Phone Number, Post Code & Dept. Allow 5 working days cheque clearance

SHOWROOM ADDRESS: DEPT. CU, UNIT 3, ARMLEY PARK COURT, STANNINGLEY RD, LEEDS, LS12 2AE

Lombard Tricity low rate finance now available, call.

LOW COST DELIVERY

- 2-4 Week Days £3.50
- Next Week Day £5.95
- Saturday delivery £10.00

Delivery subject to stock availability

- All prices include VAT @ 17.5%
- Large showroom with parking
- Multi-million pound company
- Overseas orders welcome
- Educational purchase orders welcome

OPEN 7 DAYS A WEEK

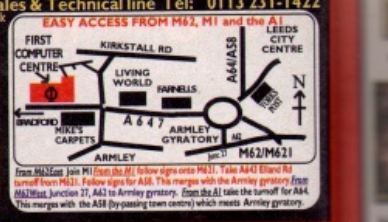
Prices are correct at the time of going to press. Please check our latest prices before ordering. All sales are subject to our standard terms & conditions(copy available upon request). E&OE.

Telephone 0113 2319444

24 HR MAIL ORDER SERVICE FAX: 0113 231-9191
NEW! BBS Sales & Technical line Tel: 0113 231-1422
E-Mail sales@firstcom.demon.co.uk
www.demon.co.uk/firstcom

AMIGA REPAIR CENTRE

We offer a FREE quotation on your Amiga or any peripheral (monitors, printers etc). A delivery tariff of just £5.00 is charged or alternatively you can visit our showroom. We can also arrange a courier pickup at an additional cost of £11.00.



Hardware

UK'S cheapest Amiga's A1200 Magic Pack only £359.99

Includes, Wordworth V4SE, Datastore, Organiser, Turbocalc 3.5, Personal Paint V6.4, Photogenics 1.2SE, Pinball Mania & Whizz.

Down in Price

Amiga Magic Pack + 170Mb HardDrive Only!! £469.99

Includes same software pack as Magic Pack, But also includes Scala MM300.

First Starter Pack All for only £19.99

- A1200 dust cover
- 10 x DSDD disks + labels
- Top quality joystick
- Deluxe mouse mat
- 3 x A1200 games

AMIGA A4000T

MC68040-25 Mhz £2089.99
MC68060-50 Mhz £2359.99

- 6Mb RAM expandable to 2 Gig max.
- 1.2Gb SCSI-II Hard Drive
- AGA chip set
- Workbench 3.1
- 1.7Mb 3.5" Floppy Drive
- 4 Channel Stereo
- Scala MM300 Pre-Installed

Chaos Software Pack Only!! £19.99

Pack consists of Nick Faldo's Golf, Pinball Fantasies, Syndicate, Chaos Engine

AMIGA M1438S Monitor Only!! *£275.99 When bought with a computer

CD ROM Drives

Prima shareware CD ROM Valued at £10 free with Reno drive

RENO Portable CD ROM Req. SCSI interface £129.99

- SCSI-2 connector
- 330k/sec data transfer,
- Battery or Mains powered
- Kodak multi-session CD
- Stereo headphones supplied
- 180ms Access Time
- Audio CD operation buttons

CD repair kit + 100 Capacity CD storage box only!! £10.99

Wide range of CD & CD32 software always in stock

Squirrel SCSI-II Interface *£45.00
*When bought with any HD/CD ROM drive, £54.99 if bought separate
GVP 4008+ H.D./RAM card £99.99
SCSI II interface card for big box Amiga's.

Overdrive 2 speed CD ROM fits via PCMCIA slot, no interface req. £175.99

SCSI Enclosures PRIMA
These cases are suitable for housing any internal SCSI device, eg CD Roms etc.
Single Case £69.99 Dual Case £89.99

Full range of SCSI cables always in stock

Internal SCSI CD ROM drives

NEC 6Xi6 speed Only!! £292.99
900kb/s transfer rate · SCSI-2 interface · 145ms access time · Cache memory 256kb

Sanyo CDR H94A x2 Speed £125.99
Toshiba 5201B x3.4 Speed £158.99
Panasonic CR504B x4 Speed £189.99

HP CD-R 4020i

CD-Recorder 4x read/2x write Tomorrows technology today £929.99
74 Min. Media 10 off £64.99 100 off £575.99

Hard Drives

3.5" Hard Disk Drives with A1200/600 install kit
(We recommend 3.5" drives be fitted by qualified computer engineers)
inc. software, cables and instructions
420Mb..£159.99 540Mb...£184.99
850Mb..£199.99 1.05 Gig...£245.99

3.5" Hard Drive upgrade kit £18.99
Includes set up software, cables and full instructions, no Hard Drive.

New External Hard Drives for all SCSI aware Amiga's
500Mb £199.99 1.0Gig £299.99
Inc. High quality SCSI-II drive, Int. PSU, SCSI ID selector, Cooling fan and HD prepping/partitioning software.
Requires SCSI interface, ie. Squirrel/GVP

2.5" Hard Drives for A600/ A1200 with installation kit
inc. software, screws, cables and instructions

Seagate FUJITSU CONNER
80Mb.....£89.99 130Mb..£109.99
170Mb..£114.99 250Mb..£139.99
340Mb..£179.99 510Mb..£254.99
Quantum TOSHIBA

170 Mb Harddrive
Scala MM-300 pre-installed
Amazing value at only £139.99

Monitors

AMIGA M1438S Amiga Branded Monitor
Same specification as the Microvitec 1438, but also has built in Stereo speakers.
£295.99
without speakers £264.99

Amitek 1084 S £199.99
14" Colour CGA Stereo Monitor, Composite Video, Digital RGB, Analog Inputs.

Monitor dust cover £6.99
Screenfilter £19.99

Disk Drives

Zip Drive

- Includes:-
- HiSOFT Zip Tools
- 1 X 100Mb cartridge
- SCSI interface required.

£199.95
Additional 100Mb Zip cartridges £15.99

Zip tools £16.95

Amiga External drive £49.99
A1200/600 internal drive £39.99
A500/500+ internal drive £39.99

Squirrel I/face

Squirrel SCSI
Surf Squirrel
- Hi speed serial port
- SCSI-II interface
- Autobooting HD

from *£79.95 *If purchased with any modem. If purchased separately £99.95

Squirrel
- SCSI-II interface

From only *£45.00 *If purchased with SCSI device £54.99 if purchased separately

SupraFAXModem

SupraFAXModem 288
- Up to 115,200bps (v42bis)
- Silent & Adaptive Answer
- V34 Standard
- NComm Software
- Class 1 & 2 Fax
- Unique LCD Display
- Flash ROM
- 5 Year Warranty

only £199.99

Is it a bargain the size of a Hippo's Bum? - You Betcha! - Amiga Computing Oct. 1994

New!! SupraExpress 288
Only £174.99
- Up to 115,200bps (v42bis)
- LED Display
- V34 Standard
- NComm Software
- Class 1 Fax
- 5 Year Warranty

28,000 Data/14,400 Fax

US Robotics

US Robotics WE ARE PREFERRED USR DEALERS

Sportster 288 If you thought V32bis was fast try V34
only £193.99

Courier V34+ Dual Standard

V34, 28,800 BPS, BABT approved £287.99 33,600 bps

Sportster Vi New
This modem has full 14400 bps includes V.32bis, V.32, V.22bis, V22, V21, MNP2-5, V.42, V42bis, Class 1 commands, 9600/14400 Group 3 Fax. Includes free modem comms (not Fax)s/w & cable
only £111.99

14,400 Data/14,400 Fax

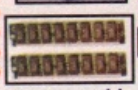
Supra modems are not BABT approved, however they perform as well & often out perform BABT approved modems. Supra Modems have a 3 year limited warranty

RAM Expansion/Accelerators

A1200 1 MB RAM Special price!!	£75.99
A1200 2 MB RAM	£119.99
A1200 4 MB RAM	£144.99
A1200 8 MB RAM	£234.99
A1200 1MB/33Mhz Co Pro	£109.99
A1200 2 MB/33Mhz Co Pro	£149.99
A1200 4 MB/33Mhz Co Pro	£189.99
A1200 8 MB/33Mhz Co Pro	£274.99

Memory Modules

1 Mb 72 Pin SIMM	£29.99
2 Mb 72 Pin SIMM	£69.99
4 Mb 72 Pin SIMM	£89.99
8 Mb 72 Pin SIMM	£174.99
16 Mb 72 pin SIMM	£374.99
1 Mb 30 pin SIMM	£33.99
4 Mb 30 pin SIMM	£109.99
256 by 4 DRAM (each)	£6.99



Part exchange available on your old memory, Call for pricing.

Accelerator Cards

POWER VIPER

Viper II-50 £199.99
Up to 128Mb RAM, FPU Socket & R/T clock
Viper II-28 £119.99
Up to 128Mb RAM, FPU socket & R/T Clock

Falcon 68040 68040 RC 25Mhz £499.95

A500/600 RAM Expansion

PRIMA A500 512k RAM no clock £19.99
PRIMA A500+ 1 Mb RAM £29.99
PRIMA A600 1 Mb RAM no clock £29.99

Printers

Canon

Canon BJ30 Portable mono printer, 30 page ASF built in.	£184.99
Canon BJC70Colour Portable colour printer, 30 page ASF.	£289.99
Canon BJ200ex High quality mono printer, virtual 720 dpi.	£207.99
Canon BJC4000Colour High quality colour/fast mono printing 360 dpi.	£289.99
Canon BJC600e Colour Enhanced colour printer, virtual 720 dpi.	£369.99
New Canon BJC610 Colour 720 x 720 dpi, near photographic quality	£419.99

Star Micronics

Star LC90 9 pin mono ASF built in, push tractor optional.	£105.99
Star LC100 9 pin Colour 180 cps draft, 45 cps NLQ, Amiga drivers.	£125.99
Star LC240 24 pin mono 192 cps draft,with ASF built in.	£123.99
Star LC240C 24 pin Colour ASF built in, 4 LQ fonts.	£139.99
Star SJ144 Colour	£232.99

CITIZEN

All Citizen printers have a 2 year warranty

ABC Colour printer Simple (as easy as ABC) to use 24 pin printer. Comes as standard with 50 sheet Auto sheet feeder. Tractor feed optional at £34.99	£145.99

New!! Printiva 600c
- New Micro Dry print technology
- 600 dpi Colour/1200 dpi mono
- Amiga drivers provided

£399.99

HEWLETT PACKARD

New! HP340 Portable Colour upgradeable portable printer	£224.99
New! HP600 Colour upgradeable mono ink jet/ Col. Kit £41.99.	£232.99
HP 660 Colour New colour inkjet from HP.	£319.99
HP850 Colour 600x600 dpi up to 6 ppi/m mono, 3ppi/m colour	£429.99
New! HP 5L Laser printer 4 p/p/m 600 dpi	£449.99
New! HP 5P Laser printer	£715.99

EPSON

New!! Stylus Colour II 720 dpi, 4ppm Black, 2ppm Colour.	£335.99
New!! Stylus Colour IIs 720dpi, 2.5ppm Black, 1ppm Colour.	£249.99
New!! Stylus 820 720 dpi, 2.5ppm Black, Colour Upgradeable.	£219.99
New!! Stylus Pro 720x720 dpi, Photo-Real quality output.	£485.99
EPL-3000 Laser Printer 4ppm, 300 dpi, 1Mb memory, 150 sheet ASF	£429.99

The perfect accompaniment for a high quality colour printer
NEW! GTX-5000 colour flatbedscanner ONLY!! £439.99

We would be happy to quote you on any make or model of printer that may not be listed.

Miscellaneous

Printer Switch Box 2 way	£12.99
Printer Switch Box 3 way	£17.99
Printer Stands (Universal)	£4.99
1.8 Metre printer cable	£4.99
3 Metre printer cable	£6.99
5 Metre printer cable	£8.99
10 Metre printer cable	£12.99

Consumables

Ribbons

Citizen Swift/ABC mono	£3.99
Citizen Swift/ABC colour	£12.99
Star LC90 mono ribbon	£4.99
Star LC10/100 mono	£3.69
Star LC10/100 colour	£7.99
Star LC240c colour	£13.99
Star LC240c mono	£8.99
Star LC240 mono	£5.99
Star LC24-10/200/300 Colour	£13.99
Re-Ink Spray for mono ribbons	£11.99

We stock a wide range of consumables for all printers Lasers, Dot Matrix and InkJets old and new.

PREMIER-INK Cartridge Refills

Save a fortune in running costs with your ink/ bubble jet. Compatible with the HP Deskjet series, Canon BJ10/20/80/130/200/300/330, Star SJ48, Citizen Projet and many others.
Full range of colours available.

Single refills	(22ml)	£6.99
Twin refills	(44ml)	£12.99
Three colour kit	(66ml)	£19.99
Full colour kit	(88ml)	£27.99
Bulk refills	(125ml)	£24.99

Printer repair specialists call

Ink Cartridges

Canon BJ10/Star SJ48	£19.99
Canon BJ200/230	£19.99
Canon BJ30 (3 pack)	£13.99
Canon BJC 70 mono (3 pack)	£12.99
Canon BJC 70 colour (3 pack)	£16.99
Canon BJC 4000 colour (single)	£16.99
Canon BJC 4000 mono (single)	£7.99
Canon BJC 4000 mono high cap.	£28.99
Canon BJC 600e mono high cap.	£10.49
Canon BJC 600e colour	£8.99
Citizen Printiva Std. colours	£6.49
Citizen Printiva Metallic colours	£16.49
HP.Deskjet 660 double mono	£25.99
HP.Deskjet 660 colour	£27.99
Epson Stylus mono	£15.99
Epson Stylus colour	£36.99
Epson Stylus Col. II/S/820 Mono	£17.99
Epson Stylus Col. II/S/820 Colour	£24.99
Epson Stylus 820 colour upgrade	£94.99
Star SJ144 mono/colour (single)	£8.99

Covers

All printer dust covers £5.99

Paper

Fanfold (tractor feed) 500 sheets	£4.99
Fanfold (tractor feed) 1000 sheets	£8.99
Fanfold (tractor feed) 2000 sheets	£17.99
Single sheet 500 sheets	£4.99
Single sheet 1000 sheets	£8.99
Single sheet 2000 sheets	£17.99

Disks

Bulk DSDD

10 x £3.49	100 x £29.99
30 x £9.99	200 x £54.99
50 x £15.99	500 x £118.99

Branded DSDD

10 x £4.99	100 x £35.99
30 x £12.99	200 x £63.99
50 x £25.99	500 x £142.99

Bulk DSHD

10 x £3.99	100 x £33.99
30 x £11.99	200 x £59.99
50 x £17.99	500 x £134.99

Branded DSHD

10 x £5.99	100 x £47.99
30 x £15.99	200 x £84.99
50 x £25.99	500 x £190.99

Disk labels x500 £6.99
Disk labels x1000 £9.99

Video

Quantum — rombo

VIDI Amiga 24 (RT)+

Colour Real Time Amiga video capture system

- Composite & SVHS inputs.
- Time Lapse remote grabbing.
- BMP,TIFF & PCX File Support.
- Load/Save 24 Bit ILBM & Anims

£139.95

VIDI Amiga 24 (RT) Pro

Professional Colour Real Time Amiga video capture system

- Composite & SVHS inputs.
- 16.7 million colour grabbing.
- BMP, TIFF, PCX, ANIM, ILBM.
- Processing controls & effects

£224.99

Pro-GRAB SVHS 24RT Plus

- Compatible with VHS & SVHS.
- Save & load in multiple file formats
- Support for virtual memory
- Additional teletext facilities
- Large preview window

Req. kickstart 2.04 & 1.5Mb free memory

for only..... £129.95

Genlocks

hama

Genlock 290

- Full fading of mixed graphics
- 2 ergonomically designed faders
- High quality output signal
- Independent power supply

£639.99

Genlock 292

- Full fading of mixed graphics
- Fades to black of output signal
- Demonstration software inc.
- Independent power supply

£264.99

A-Cut

- Video edit controller
- Works on Kickstart 2.0 and above
- Scenes defined, sequenced/exchanged
- Independent power supply

£164.99

Fusion Genlock

- Comes with Scala HT100
- 92% Amiga Shopper June 95
- Composite only Genlock

Only!! £95.99

Entry level Genlock

Graphics

New!! Epson GT-5000

- A4 Flatbed scanner
- 300 dpi optical scan resolution
- Inc. PC Editing & OCR software

£437.99

Inc. The Amiga range of computers req. additional driver software and a Bidirectional parallel cable.

EPSON scanners

Art Department Pro Scanner Controller

Inc.
- Bidirectional Parallel cable
- Amiga driver software
- Total WYSIWYG control
- Can be used without Art Dept Software

With Scanner	Without Scanner
£89.99	£99.99

- If cable req. separately £39.99

The amazing new graphics tablet for the Amiga developed with First Computer. 94% rated in Amiga Shopper. Requires 2.04 WB or above.

Power Scan v4. £89.99
256 g/scale on AGA Amigas, 64 g/scale non AGA

Power Scan Col. £174.99
24 bit colour scanner, 16.7 million colours

Graphics Software

D Paint V
Award winning Paint & Animation package.
£59.95

Art Department Pro.
Image processing software
£129.99

Scala MM211
£139.99
- MM300 £224.99
- MM400 £274.99

Photogenics v1.2
24 bit graphics manipulation
Special offer
only!! **£47.99**

New!!
Cinema4D
£169.99
Amiga Ray-Tracing software
Req. 3Mb of RAM, and Kickstart 2 or higher.

Music

Technosound Turbo 2 Pro
8/12 bit Stereo Sampler plus many more advanced features
A bargain at only **£27.99**

Mega-Lo-Sound
8 bit direct-to-disk sampler
Great value at only **£25.99**

ProMIDI Interface
- MIDI in, MIDI thru & 2 x MIDI out
- Compatible with all MIDI software

only!! £19.99

- 2 x 3metre MIDI cables £9.99

AURA
100% Octamed compatible
£74.99
12/16 bit stereo direct-to-disk
PCMCIA sampler

New

Octamed 6
Official CD
£24.95
Latest version of the best music making program for the Amiga. Over 600Mb of Midi files, Samples.

Wordprocessing

Final Writer 4
Word Processor/Publisher
Latest version of this award winning software
only!! £72.99

Final Writer Lite
Word Processor
Requires Kickstart 2.04 or above, 2Mb of Ram and 1 floppy drive, Hard Drive installable if desired.
£39.95

New

Mini Office
Integrated Package
- Wordprocessor
- Spreadsheet
- Database
- Graphics
- Disc Utilities

£38.99
All in one package

Kindwords 3
Word Processor
- Req 1Mb RAM & 1 disk drive
- Workbench 1.3 and above.

£24.99

Also **Penpal £29.99**

Wordworth 3.1se £54.99

Home Office

Final Data
- Requires Workbench 1.3 or above, 1Mb of memory & 1 floppy drive.

£39.95

Twist 2
Relational Database
- Requires Workbench 2.1 or above & 2Mb of memory

£74.99

Spreadsheets

Final Calc
£94.99
- Requires Workbench 2.0 or above, 2Mb of memory min., H.Disk with 5Mb of free space

Maxiplan 4 £24.99

Home Finance

Money Matters 4 £49.99

Utilities

New

Opus 5
£49.99

DiskMagic
92% CU Amiga
£34.95

Miscellaneous

Vista Pro 3
Landscape Artistry software
Accurately recreate and explore real world landscapes in vivid detail
Also
Makepath £8.99
Terraform £8.99
Vista Pro 3 Lite £24.95
£27.95

Distant Suns 5
Desktop Planetarium
Req. Kickstart 2.04 or above
2Mb of RAM and a Hard drive
£27.95

Studio 2 £49.99
Print software for optimised performance, includes Epson Stylus and Canon print drivers.

GP Fax £49.99
Use your Amiga modem as a fax machine

New

Blitz Basic v2.1
£34.99
The popular BASIC progamming development software package, now available once again.

Peripherals

Mega Mouse+ 400 dpi	£12.99
Mega Mouse 400 dpi	£11.49
Amiga Mouse 560dpi	£12.49
Mousemat 4mm	£3.99
AlfaData Trackball	£34.99
Zip Stick joystick	£9.99
Gravis Amiga joystick	£19.99
ZyFi-2 Speakers	£26.99
ZyFi Pro Speakers	£57.99
Roboshift mouse/joystick switch	£9.99
Amiga Contol Pad	£9.99
Amiga Modulator	**£34.99**
Amiga PSU	**£34.99**
Kickstart 2.04/2.05	£24.99
CIA 8520A I/O chip	£18.99
FPU 25mhz PLCC	£34.99
FPU 33mhz PLCC	£39.99

Turbotech R/T clock cartridge £17.99 all Amiga's

Top 20 Games

Alien Breed 3D	£24.99
Coala	£29.99
Dawn Patrol	£29.99
Dungeon Master II	£29.99
Exile	£24.99
Fears	£24.99
FIFA Int. Soccer	£24.99
Flight/Amaz. Queen	£24.99
Leading Lap MPV	£24.99
Lion King	£24.99
Pinball Mania	£24.99
Powerdrive	£24.99
Premier Manager 3	£14.99
Sens.World/Golf	£24.99
Sens.World/Soccer 2	£24.99
Sim City 2000	£24.99
Super Skidmarks	£19.99
Virtual Karting	£19.99
Worms	£24.99
Zeewolf	£24.99

Amiga CD ROM's

Delivery £1 per title or £3.50 for 4+

New!! 17 Bit The 5th Dimension	£17.49	Grafix Sensations	£17.49
17 Bit Collection (Double)	£28.99	New!! Groliers Encyclopedia 2	£25.99
17 Bit Continuation	£14.49	Illusions in 3D	£8.99
17 Bit Phase 4	£14.49	New!! Light ROM 3	£29.99
17 Bit/LSD compendium 1 or 2	£16.99	Light Works	£29.99
New!! 17 Bit/LSD compendium 3	£16.99	Magic Illusions	£11.49
New!! Aminet 8 or 9	£14.49	New!! Meeting Pearls 3	£8.99
Aminet collection(Aminet 1-4)	£24.49	MultiMedia ToolKit 2 (2xCD's)	£27.99
New!! Aminet collection2 (Aminet 5-8)	£24.49	New!! Network 2 CD	£12.49
New!! Amos Users CD Ver 2.	£16.99	New!! NFA AGA Experience	£17.99
Animations (Double)	£17.49	New!! Octamed 6 CD	£24.95
New!! Artworx	£8.99	New Price!! Prima CD Vol. 1	£9.99
New!! Assassins 2 (Double)	£17.49	New!! Sci-fi Sensations	£17.99
BC I Net 1/2	£8.99	Space And Astronomy	£16.99
New!! C64 Sensations	£16.49	New!! Speccy Sensations II	£17.49
CAM (Double)	£22.49	The Beauty of Chaos	£13.49
CDPD 1,2,3 or 4	£8.99	Ten on Ten pack (10xCD's)	£37.99
Demo CD 2	£8.99	New!! UPD Gold CD (4 x CD's)	£27.99
New!! Eric Schwartz CD	£24.99	New!! World Of Pinups 2	£14.99
New!! Encounters UFO Phenomenon	£14.99	WPD Hottest 5	£17.99
Fractal Universe	£17.49	Weird Science Fonts/Clipart	£8.99
Freshfish 10	£17.49	Weird Science Animation	£16.99
New!! Global Amiga Experience	£17.99	New!! World Info 95	£34.99
GoldFish 1	£24.49	New!! XiPaint V3.2	£49.95
GoldFish 2	£24.49	New!! Zoom	£18.99

FREE!! Prima Shareware CD-ROM worth £10 with every order of CD-ROM software over £30

Blittersoft

Emplant Basic	£239.95
Emplant SCSI	£279.95
PC E586DX Module	£99.95
Picasso 2Mb	£249.95
Doubler 4000 - 50 Mhz 68040 Accelerator for A4000/040	£299.95

Furniture

Bulldog
Authorised Reseller
Special Introductory offer
Computer Desk & Chair
Only £104.99 Call for Info.
House your Computer, Printer & consumables in one compact area, slide away keyboard shelf, choice of colours. Chair with height ajustable seat and back.

Optonica Ltd.

Appointed Distributor

InfoNEXUS 2	£24.99
M.M. Experience	£34.99
M.M. Experience Pro	£229.95
INSIGHT Dinosaurs CD	£17.99
INSIGHT Technology CD	£17.99

Info.

The First Computer also stock a wide range of PC, Acorn and Atari Hardware, Software and Peripherals all at unbeatable prices. So call for all your computing needs.

LOMBARD TRICITY FINANCE LIMITED

Low rate finance available

All The Latest Amiga Software

EMERALD Creative Technology

Call Us Now On 0181-715 8866

Hardware

Disk Drives Etc.

Squirrel SCSI interface	£59.95
Iomega Zip Drive inc. Squirrel etc.	£call
A500 Internal Floppy Drive	£35.95
A600 & A1200 Internal Floppy Drive	£38.95
2.5" IDE Cable	£8.95

Ram Cards

A500 with 0.5Mb	£14.95
A500+ with 1Mb	£19.95
A600 with 1Mb	£24.95
A600 with 1Mb & clock	£32.95
A1200 unpopulated	£59.95
A1200 with 2Mb	£129.95
A1200 with 4Mb	£179.95
A1200 with 8Mb	£299.95

Video

Pro Grab 24RT+ SVHS	£125.95
PCMCIA Adaptor for Pro Grab	£34.95
Rendale 8802 Genlock	£164.95
Rendale 9402 SVHS	£279.95
Vidi 24 RT	£144.95
Vidi 24 Pro RT	£219.95

Other

Tabby Graphics Tablet	£57.95

Utilities

Software Development

Blitz Basic 2.1	£32.95
Dice C Compiler v3.01	£98.95
DevPac 3	£59.95
Gamesmith	£89.95
Hisoft BASIC 2	£59.95
Hisoft Pascal	£79.95
Intos	£28.95

Disk Utilities

AmiBack	£29.95
AmiFileSafe User	£28.95
AmiFileSafe Pro	£68.95
CD Write	£42.95
Directory Opus 5	£49.95
Disk Expander	£29.95
Disk Magic	£34.95
Gigamem	£47.95
Infonexus 2(Infonexus + Datanexus)	£28.95
Video Back-up System Phono	£54.95
Video Back-up System Scart	£57.95

Communications

GP Fax	£44.95
Termite	£33.95

Miscellaneous

Maxxon Magic	£23.95
Studio II Print Manager	£48.95

Productivity

WP & DTP

Final Writer 4 **New Version**	£79.95
Final Copy 2	£49.95
Mini Office	£37.95
Wordworth 3.1SE	£47.95
Wordworth 3.1	£74.95

Databases

Digita Datastore 3	£45.95
Digita Organiser v2	£39.95
Final Data 3	£39.95
GB Route Plus	£31.95
Mailshot Plus	£35.95
Music Librarian	£22.95
Plants For All Seasons	£22.95
Twist 2	£89.95

Finance

Cashbook Combo	£59.99
Counting House	£49.95
Day By Day	£24.95
System 3	£39.95
System 3E	£49.95
Digita Home Office	£39.95
Money Matters 4	£34.99
Personal Finance Manager +	£19.95

Spreadsheets

Final Calc	£94.95
DG Calc	£26.95
Turbocalc 2	£49.95

Music & Video

Music

Aura 12 bit Sampler	£79.95
Megalosound Sampler	£29.95
Technosound Turbo 2 Pro Sampler	£26.95
Music X 2	£49.95
Pro Midi Interface	£19.95
Little Gem Micro Mixer	£66.95

Video Titling

Big Alternative Scroller 2	£49.95
Rendale 8802 Genlock	£169.95
Rendale 9402 SVHS	£285.95

Education

Languages

Beginners to GCSE	
Micro French	£22.95
Micro French CD	£27.95
Micro English	£22.95
Beginner to GCSE & Business	
Micro Spanish	£22.95
Micro German	£22.95

Integrated Science

Micro Science	£22.95

Maths

Primary Maths Course 3-12	£22.95
11-Years to GCSE	
Micro Maths	£22.95
Micro Maths CD	£27.95
A Level	
Mega Maths	£22.95

Books & Videos

Books

A1200 Insider Guide	£12.95
A1200 Next Steps	£12.95
Amiga Basic - A Dabhand Guide	£17.95
Amiga Disks & Drives Insider Guide	£12.95
Assembler Insider Guide	£13.95
Amiga Total! Workbench **New**	£19.95
Amiga Total! Dos **New**	£21.95
Amiga Total! Assembler **New**	£21.95
Amiga Total! Beginners **New**	£19.95
Mastering Amiga Programming Secrets	£19.95
Mastering Amiga Arexx	£17.95
Mastering Amiga Printers	£17.95
Mastering Amiga Dos 3.0 Reference	£19.95
Mastering Amiga Dos 2 Vol2	£17.95
Mastering Amiga Dos Scripts	£19.95
Secrets of Frontier Elite	£8.95
Secrets of Sim City 2000	£9.95
UK Comms	£19.95
Workbench 3 A-Z Insider Guide	£13.95

Book & Video Packs

A1200 Beginner's Pack	£36.95
Workbench 3 Booster Pack	£36.95

Videos

Intro to the A1200 - Tutorial	£14.95
Intro to the A1200 - A Deeper Look	£14.95

Graphics

3D & Rendering

Cinema 4D **New**	£179.95
Essence vol 1 + Forge	£79.95
Essence vol 2 + Forge	£79.95
Imagine 3.0	£99.95
Pixel 3D Pro II	£94.95
Real 3D v3	£319.95
Terraform for Vista	£9.95
Vista Pro 3.0	£27.95
Vista Lite	£24.95

Painting

DPaint 5	£64.95
Personal Paint 6.3	£39.95
Photogenics	£47.95
Pro Vector 3 Stylus Pro Pak	£174.95
TV Paint 3.6	£329.95

Image Processing

Art Department Professional v2.5	£139.00
Image FX 2	£189.95
Morph Plus	£89.95

CAD

X-CAD 2000	£22.95
X-CAD 3000	£119.95

Personal Suite

Includes :
- Personal Paint
- SBase Personal
- Personal Write
- Personal Fonts Maker 2

PLUS DirDiff • 27 High Quality Kara Colour Fonts • Nearly all of Eric Schwartz's outstanding animations • Amiga Dos Manual • Arexx Manual • "How To" Amiga Guide • PNG Toolkit • Masses of pictures and anims • 20 classic books (Dickens etc.) • And still loads more !

All on one CD for just £49.95 !!!

Beef Up Your Sound !

The Little Gem Micro Mixer ! This 2 channel stereo mixer features independent Hi and Lo EQ, panning, and volume for each channel. Little Gem greatly enhances all your sound input and output - samples, Mod files, even games - it's ideal for desktop video and music, and it's a great price too !

Little Gem £66.95

The Language Used To Write Worms

Blitz Basic 2.1

Blitz Basic is a next generation Basic with features borrowed from Pascal, C and others. Basic, the friendliest programming language of all time, has been given a new lease of life with more power than ever before. It can be used to program any kind of software from valuable applications to entertaining arcade games. The Blitz compiler takes Basic code and creates very fast, compact, standalone programs. Blitz also supports AGA screenmodes for super colour, super fast programs !

Blitz Basic 2 £32.95

Quad & 2.4 Speed Amiga CD Drives

High Spec SCSI CD Drives At Incredible Prices !

Packaged Complete With Squirrels !

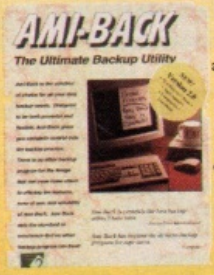
Our Quad Speed external multi session SCSI drives come complete with audio in and out ports, Squirrel SCSI Interface & software ,CD32 emulation, and 12 month warranty. 600k/s transfer rate, 190ms access time.

Our speedy MPEG Compatible, Multisession 2.4 Speed drives come complete with audio cables, SCSI Cables, Squirrel SCSI Interface & Software, CD32 emulation, and a 12 month warranty. 230 ms access time, data transfer rate of 360k/s. What a great deal !

Quad Speed £259.95
2.4 Speed £164.95

Disk problems ? Hard drive looking doubtful ? You need Ami-Back

Ami-Back is the solution of choice for all your data backup needs. Designed to be both powerful and flexible, Ami-Back gives you complete control over the backup process. There is no other Amiga backup program that can claim even close to offering the features, ease of use, and reliability of Ami-Back. Yes, Ami-Back even supports Amiga, Unix and MSDOS partitions, and DAT and tape drives !



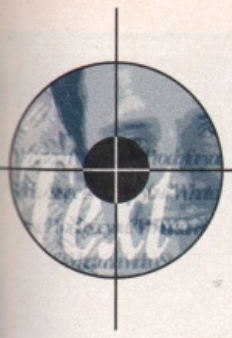
The Ultimate In Disk Backup For Only £29.95 !

When ordering don't forget to include the carriage charge ! Charges within the UK are £3.50 for first class post, which usually arrives the next day. Orders over £100 are sent registered post at £4.50. Next day courier service within the UK mainland & subject to availability is £6.00. Hardware is sent by Next Day Courier. Call for prices overseas, islands & Scottish Highlands.

You can pay by **Credit Card** (Visa, Mastercard, Access, Delta, Switch and American Express) - we only bill your card when we despatch the order, not before - or by **Cheque** : Please make cheques payable to Emerald Creative Technology Ltd.

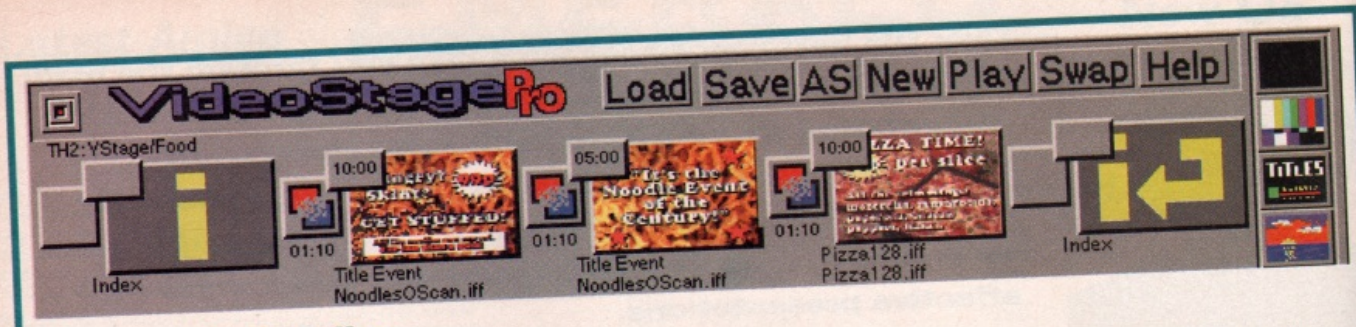
All pricing includes VAT but not carriage. We reserve the right to change prices - you will be informed of any change when you order. Faulty goods will be replaced or repaired if returned within 30 days of purchase. We will refund if we can't repair goods. It is the responsibility of the customer to check for compatibility of a particular product with existing equipment before buying. E&OE

Rapid House, 54 Wandle Bank, London SW19 1DW Fax : 0181-715 8877, eMail : EmeraldCT@eWorld.com



Over the next four pages we'll take you through the main functions and key features of this user-friendly visual presentation system. Turn to the latter part of this feature for a reference guide to the control panels. For now set up according to the instructions on pages 9 and 12 and have a go at creating some of these simple but effective presentations.

VideoStage Pro



Norman's Noodles

Here's an example of a non-interactive sequence that could be displayed in a prominent place and left to loop all day, just the job for food stalls at exhibitions, public gatherings and cafés. In this case it's advertising a couple of special offers on noodles and pizzas. Let's take a look at how it was set up.

1 As this needed to loop round from start to finish, the first thing to do was insert an index marker as the first event. The index acts as a key point to which you can move with a Return event inserted later on in the sequence. Move to the right side of the screen and drag the index icon (the yellow letter 'i') up to the first position in the storyboard. You'll notice that each event box in the story board has two smaller boxes in the top left corner. These are used for controlling the amount of time the page is visible, and the type of wipe or fade transition. As the index does nothing you can see, these boxes will remain blank for this event.

2 For the next event we want to display some text and logos over a backdrop picture. Drag the Graphic Event icon (a small picture of a sunset scene) from the right hand edge onto the event slot to the right of the index you previously inserted. Now click on the blue square that's appeared, then select Pick IFF File. You can now select an IFF picture to load in as your backdrop. Choose anything suitable that you may have on your hard drive. A cameo of the backdrop will replace the blue square.

3 Now select AddText/Objects. This brings you to the page construction section, which is made up of two displays. The main display is the page that you're working on. Overlaid onto that is a control panel running along the bottom. Click the right mouse button to remove the control panel and see the page in full and once more to bring it back again.

Along the bottom of the panel you'll notice ten numbered buttons marked Storyboard, Text, Objects, Brushes, Buttons, Arrange, Actors, Backdrops, Redraw and Preview. These are used to select different areas of the page construction section. At the moment you should be in the Text section, so the Text button should be ghosted out as you can't move the area you are already in.

4 Type some text and you should see it appear at the top of the screen. If it's difficult to read, try changing the main text colour by clicking on the coloured box above the Objects button. The available colours will be limited to those in the palette of your backdrop picture. See the final page of this feature for a tip to get around this problem. To select another font or change the size or style of the current font, click the Edit Font button. *VideoStage* automatically scans the Fonts drawer of your hard drive and adds them to its own list. You'll see the name of the current font displayed next to the Text Font label. Click on this and scroll through the list to choose another. Use the extended menu selection to choose the font size, or enter a new size in the box to the right. Click on OK when you've got the one you want. Now enter your text and position it using the justification buttons. You can position it anywhere on the screen using the Arrange section but we'll come to that in a minute.

5 The next thing to do is add some of those flashes. Click on the Objects button from the list along the bottom or press F3 to do the same thing (each of these ten sections can be accessed from the corresponding function keys). You'll see a sequence of small shapes along the top of this control panel. These are very handy pre-set shapes that can be dropped onto your page, coloured, scaled and skewed to meet your demands.

For now try clicking on the third shape from the left. Now move to any part of the picture and drag out a rectangle with the mouse. The flash will be drawn to fit the size of the box you've just created. The box will be visible at the moment and you can resize it by dragging the handles around the edges and move the whole thing by dragging the handle in the middle. Colours and shadows can be altered in the same way as text.

6 Return the the Text section (F2) and enter some text that you want to overlay on the flash logo.

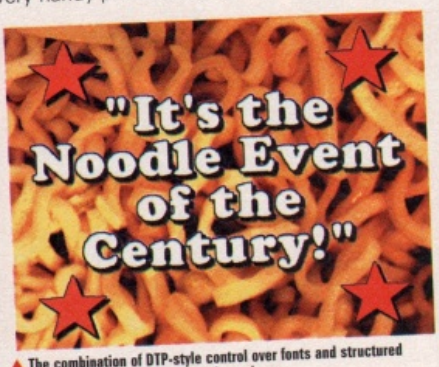
7 Finally we get to arrange all the components of the page, so select the Arrange control panel (F6). You are now free to drag all of the text and shapes around the page until you get it looking nice and neat. To move more than one item at the same time you need to multi-select the objects as you would when using Workbench, so hold down the Shift key and click on all the objects you want to move, then drag them around with the Shift key still held down.

8 Press F1 to Return to the storyboard. You can now set up the next few pages in the same way, by dragging either the Title or Graphic Event icon onto the next available storyboard slot. Both icons lead to the same thing, but one asks you to define the backdrop first while the other takes you straight to the text editor section.

9 Insert the Index Return icon at the end of your sequence.

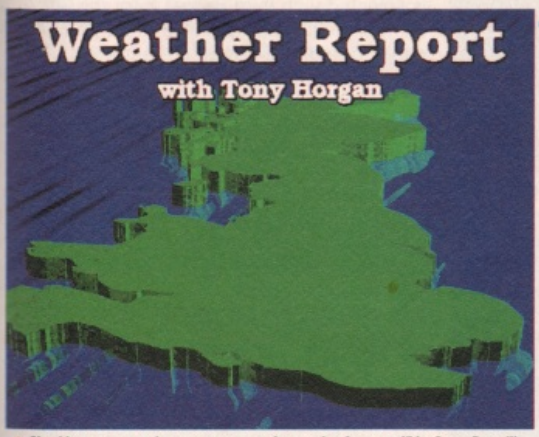
10 Save your sequence to your hard drive and then click on Play to watch it through.

▲ VideoStage Pro is full of handy tricks for creating striking presentations like these in a matter of minutes.



▲ The combination of DTP-style control over fonts and structured graphics with flashy video effects is a winner.

▲ Knocking up a sequence like this is child's play, thanks to the abundance of automatic formatting features and push-button action.



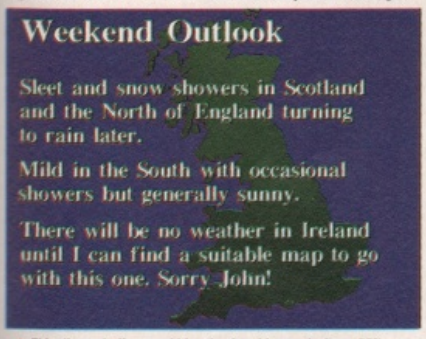
▲ Should you ever get the urge to present the weather forecast, VideoStage Pro will fulfil your requirements. You can even use a fancy 3D animated intro sequence!

The Weather Forecast

VideoStage works well when combined with other software you may have on your Amiga. For example, this weather report sequence combines 3D ray-traced graphics (created with *Imagine*) with hand drawn symbols (made with *DPaint*) and *VideoStage*'s own titles and wipe effects, resulting in a very slick broadcast-quality presentation. You may not have much call to present the weather forecast, but the same procedures can be applied to many different applications. The main point being demonstrated here is *VideoStage*'s brush handling features. Here's how it was put together.

▲ The weather symbols are IFF brushes, turned into VideoStage 'actors' which can fly across the screen in a number of ways.

▲ Combining the structured drawing tools with the text entry system can lead to neat results, like these temperature readings.



▲ This dimmed effect could be simulated by overlaying a 50% transparent box over the backdrop.

1 Before the main weather forecast there needs to be an introduction screen. The main image was rendered in *Imagine*, using the 'BRITISILE' object that was included with February 1995's issue of CU Amiga Magazine. The sea was a flat plane covered in a texture called Ripples. You could go one stage further than this and render an entire animation, which of course would be even more impressive and eye-catching.

Animations can be inserted by dragging a Graphic Event icon onto the storyboard, then selecting an 'anim' file instead of an IFF picture. You can then alter a few of the animation settings to suit the timing and speed that you require. The title text was added over the top of the backdrop using the normal text tools, as described in the previous example.

2 Now we get to the meat of the sequence. The first of the main map screens is a combination of three elements: a backdrop, some text and some IFF brushes. The backdrop was also rendered with Imagine but this time stripped of any textures and complex lighting effects for the sake of clarity, although the slight 3D look was retained just to raise it from the screen a little.

However, it's the brushes that are the main feature as far as this tutorial is concerned. The brushes are all the weather symbols that are placed over the map. These were drawn with *Deluxe Paint*, clipped and saved out as brushes and then loaded into *VideoStage* from the Brushes section.

3 The best way to use brushes is to load them all into the brush bank, accessed with the F4 key. The brush bank is the row of squares along the top of the brush control panel. To load a new brush, click on an empty slot in the bank, and select the brush from the file requester. Continue this process until you've loaded all the brushes you think you will need. In order to reserve some colours for the brushes the map was rendered in 128 colours, then loaded into a 256 colour screen in *DPaint*, which left another 128 colours free for painting the symbols.

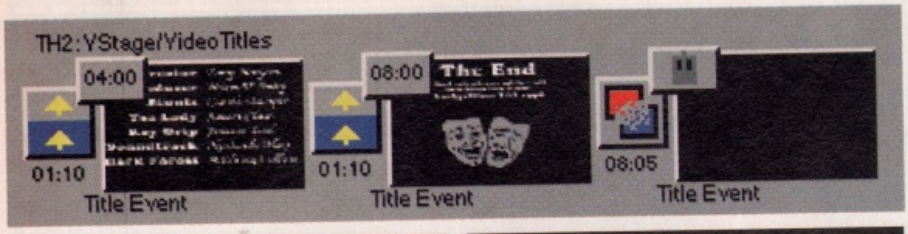
4 How about some animation then? *VideoStage* is very good at introducing titles and graphics onto the screen. For example, this page could start with a blank map, and the weather symbols could then float in from the top right corner, pop up from the bottom, rain down from the top or make any one of a number of dynamic entrances. Jump to the Actors section to have a go at this by pressing F7.

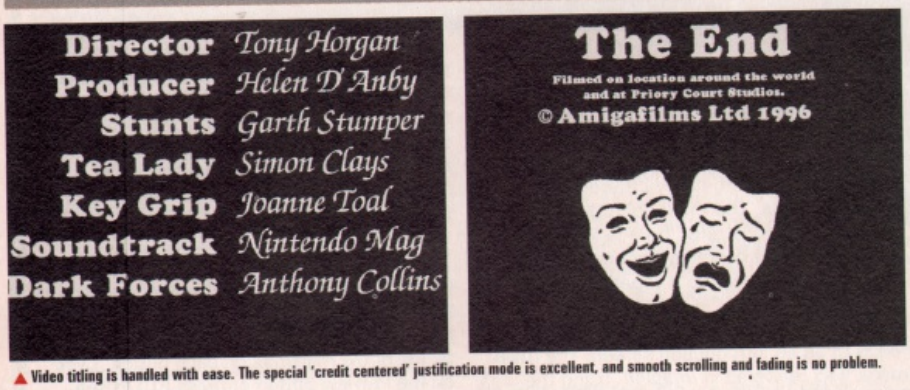
5 Select a number of symbols by clicking on them. Now click on any of the motion icons from the Actors control panel. Each icon represents a different type of entrance, indicated by the arrow markings on each button. Click on the Preview button or press F10 to see how the chosen motion path will look.

6 A similar method was used to create the second page displaying the maximum temperatures. The circles were drawn from the Objects section and the numbers were placed using normal text techniques. In contrast to the sweeping entrances of the weather symbols in the previous page, these temperature readings would look neat if they all faded up from the blank map at the same time. To achieve this you need to enter the Arrange control panel (F6) and select all the temperature logos. Now click on the Group button to define them all as one group. Move back to the Actors section and select one of the wipes from the far right panel, then Preview to check everything is OK.

7 Finally there's the outlook for the rest of the rest of the weekend. To divert attention from the backdrop picture to the main text over the top, a different version of the map image was used for this screen. The backdrop was darkened using image processing software.

▲ DPaint is ideal for creating customised brushes for use as moving sprites in your presentations.





▲ Video titling is handled with ease. The special 'credit centered' justification mode is excellent, and smooth scrolling and fading is no problem.

Video titling

Video titling is the most obvious use for a program such as *VideoStage Pro*, and in this area it excels with some unique features not offered by any other Amiga titling systems. Whether you want to add rolling credits at the start and end of your videos or you need to overlay captions, the Text and Transition sections are the main ports of call.

Film credits

Classic style film credits are incredibly simple to put together. The short example here displays a single screen of credits text which scrolls onto the screen from below. It waits there for a few seconds before being pushed off the top of the display by the final screen that also scrolls up from the bottom. After another short wait for the viewer to read the final page, it fades to black in super-smooth fashion, especially on an AGA Amiga.

You'll notice that the first page of text is split into two sections: job titles on the left and names on the right, perfectly centred with a different font for each side. This is achieved with a special justification mode called 'credit centred'.

The justification gadgets are found on the Text control panel above the Objects and Brushes buttons. 'Credit centred' justification is selected with third gadget from the left. Normal justification will align the text to either side of the screen or centre it. However, credit centred mode aligns the first part of your text with the centre of the screen. After you've pressed the Tab key it switches to an alternative font and aligns the following text to the centre mark. To define the second font, click on the button marked Left beneath the Edit Font button. It will change to read Right and you can then set the alternative font accordingly.

Smooth scrolling

Now that you've got your first page of credits, you'll need to tell it to scroll up onto the screen. Click on the small box to the left of the credits page on the storyboard. This will bring up the Transitions window, from which you can choose all kinds of fancy wipes and fades. In this case you want a smooth vertical scroll from bottom to top, so click the icon at the top left corner of the Scrolls section (it's marked with two arrows pointing upwards). The animated preview window below this panel shows you what to expect with a little explanatory text. To try it out quickly, click on the Preview button. The speed of the transition can be altered by dragging the slider at the top of the window, although the default settings usually look best.

Once you've got the hang of it you can add as many subsequent pages as you need, adding logos in the form of IFF brushes to round it all off.

As an added extra and a nice finishing touch you could even tailor off your credits with a nice little animation, as is currently popular with independent production companies.

Making Buttons

Interactive presentations have many uses, from pure entertainment to education and information applications. *VideoStage Pro* uses buttons to allow the user to decide what will happen next. Buttons are very easy to set up and hardly need any explanation, but here's a brief introduction to get you started.

1 To make a button, first set up a simple page in the normal way. This can include text, graphics or both. Move to the Buttons control panel and select Make Hot Button. Once you've done this, drag out a rectangle on the screen to lay down the button.

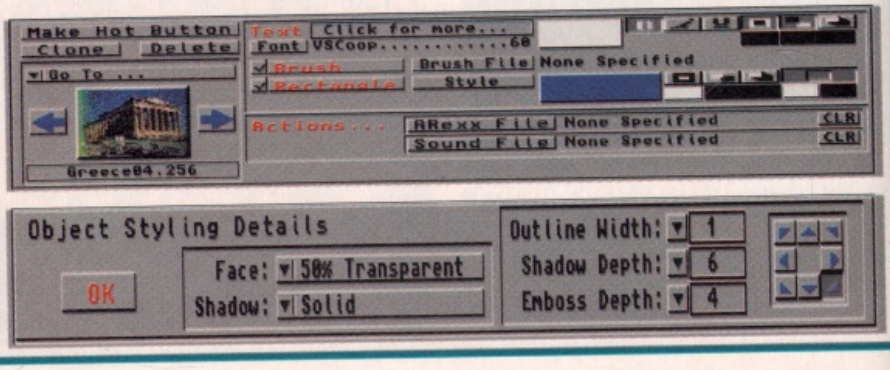
2 Next you need to add a text label to the button. Enter the text into the text box on the control panel, not onto the button itself. Alternatively you could use an IFF brush to label the button ...

3 To assign a brush to the button, click on the Brush File button and select one from your hard drive.

4 Buttons can be either solid, transparent or 50% transparent. You can alter these settings by clicking on the Style button, which also allows you to alter the shadow and outline parameters.

5 Once you've made the button you need to define its function. This is a simple matter of clicking on the button that's initially marked 'No Destination', and changing it so that the button jumps to the desired page.

You can skip through the available pages with the left and right arrows.



Hints and tips

To get the most from *VideoStage Pro* it's important to understand how it handles your presentations. When you've finished a presentation and saved it out, you might notice that the saved file is very small, even though you may have used many high resolution images and lots of fancy animated cuts and fades. This is because only the script data is saved. In other words, the graphics and sounds are not included in the *VideoStage* file, and the fancy wipes are generated in real time, rather than pre-rendered and saved as animations. This means that when you come to replay the presentation at a later date it's essential that you have all the graphics and sound files in exactly the same place on your hard drive, otherwise *VideoStage* will not be able to find them.

Save on memory

On a different subject, you might have found that sometimes when you add items to a backdrop, the backdrop picture has eaten all of the colours in your palette, leaving you with no contrasting colours for your text, buttons and objects. In this case, the best solution is to prepare the page first without the backdrop and then load it in once you've got the rest of the elements in place.

Memory problems can occur on Amigas with low RAM capacity. The simplest way to avoid such errors is to use lower resolution pictures with fewer colours. You may also be told that you have run out of memory when the program is half way through a wipe or fade, even though your Workbench RAM readout says you have plenty. Some *VideoStage Pro* wipes require a large chunk of continuous memory, so in these cases try selecting an alternative wipe from a different section (a fade instead of a scroll for example).

Unexpected events

Occasionally *VideoStage* does some strange things. For example, sometimes during the construction of a page you may find the control panel has shifted up the screen slightly and you can't reach the bottom strip of buttons with the mouse. Fortunately in this case you can use the function keys instead to move to any of the other control panels.

You might have noticed the lack of a screen cycle gadget on the *VideoStage* control panel. However, the program multitasks with Workbench and anything else you may have running. You can flip between all the available screens using the normal hot key combination of Left Amiga and M.

On the subject of audio events, you may well have trouble playing IFF samples without them looping. *VideoStage Pro* likes to loop all samples, which can be a problem if you only need the sound to play once. Although this doesn't seem to be the official solution (there may be a far simpler way around it) you can use the Timeline window to fix it. The sample's duration is displayed in the audio event selector box. Make a note of this and adjust the audio event bar in the Timeline so that it extends an equal amount. *VideoStage* also supports *AudioMaster IV* Sequence files. These are similar to IFF samples, but they can contain a sequence of loops within the main sample, so a short loop can be looped at a variety of points to create a larger and more complex sound. *Soundtracker* and *ProTracker* modules are also supported, although unfortunately there's no direct *OctaMED* module replay function.

Graduated backdrops can be created from within *VideoStage Pro*, even if you're working on a screen with a very low number of colours, as you may be if speed or low memory consumption was a priority. From the Backdrop control panel select Algorithmic, then choose which type of graduation you want (top to bottom, side to side etc). You can also pick the colours that you want the graduation to fade from and to. If you are working on a low-colour screen, such as an eight colour display, the program will automatically generate the stippling or dithering effect, which is normally good enough if you have a high resolution screen.

Just like a DTP program, *VideoStage* can import text files to save you the bother of typing out your titles from within the program. It's often a lot easier to prepare and spell-check your text in a word processor or text editor than to enter everything straight onto the screen, which can be rather slow if you are using large fonts and lots of fancy style enhancements such as shadows and anti-aliasing. Click on the disk icon from the Text control panel to select the text file you want to import. ■

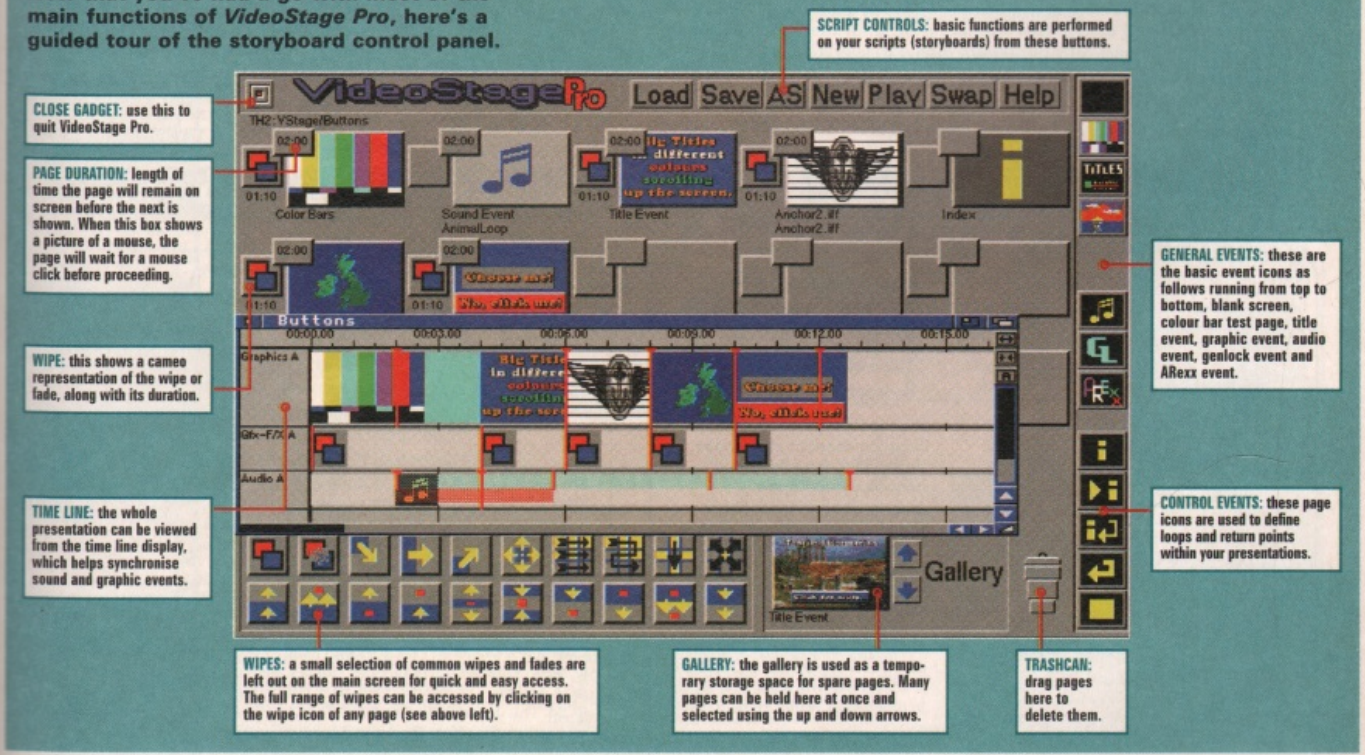
Tony Horgan

Next month

We'll dig a bit deeper into the more advanced functions of VideoStage Pro in next month's issue of CU Amiga Magazine, but until then, keep exploring and experimenting!

General Operation

Now that you've had a go with most of the main functions of *VideoStage Pro*, here's a guided tour of the storyboard control panel.



The Amazing Surf Squirrel Interface

The powerful Surf Squirrel™ interface is the cutting edge technology for easy A1200 expansion. Providing a high performance SCSI-2 interface, Surf Squirrel permits easy addition of up to 7 SCSI peripherals, such as a hard disk, a Zip™ drive or a CD-ROM to your A1200; Squirrel is also the only SCSI expansion that is hot plug and unplug, requires no opening of your Amiga, no technical knowledge and does not invalidate your warranty!

£99.95 *plus P&P*

But that's not all, Surf Squirrel also has a fully buffered, high speed serial port that is capable of performing up to 600% faster than the A1200's serial port, so Surf Squirrel gets the most out of your modem and your A1200 to make high speed file download, with multi-tasking, a reality not a possibility.

The package comprises the Surf Squirrel Interface, SCSI drivers, CD32/CDTV emulator, serial drivers, and an extensive, fully illustrated, user manual. Here are just a few of the reasons why the Surf Squirrel SCSI Interface is ideal expansion peripheral for your A1200:

- ★ High performance SCSI 2 hardware for easy expansion; supports up to seven SCSI devices.
- ★ No technical knowledge required, easy-to-use setup program included.
- ★ Compatible with any SCSI-1 and SCSI-2 peripherals.
- ★ Autobooting - boot from an external hard disk.
- ★ Hot plug and unplug - no need to power off to remove the interface.
- ★ All software drivers required for the connection of CD-ROMs or hard drives included.
- ★ Includes a full CD32/CDTV emulator for use with a SCSI CD-ROM drive.
- ★ Fits externally - doesn't invalidate your A1200 warranty.
- ★ High performance, fully buffered serial port to give reliable data transfer at up to 230400 bps - dramatically reduces the time spent on the phone and your phone bills.
- ★ Industry standard 9 pin serial socket for easy modem connection.
- ★ Serial port is compatible with all comms, networking, and serial hardware.

Classic Squirrel

The original mould-breaking Squirrel SCSI interface is still available at the magical price of £69.95. This interface is ideal for those who want to expand their Amiga fully but do not intend to surf the net. You should also note that we have a wide range of SCSI and IDE hard drives for your A1200.

The Squirrel Surf Packs

Surfing Starter Pack £199 *plus P&P*

Surfing Super Pack £299 *plus P&P*

EMAIL • NEWS • WEB • FTP
GOPHER • TCP/IP • USENET

Start surfing with one of HiSoft System's Surf Packs. Designed for both the beginner and expert alike, the Squirrel Surf packs include all software, hardware and documentation to get you quickly, and easily, onto the information super highway.

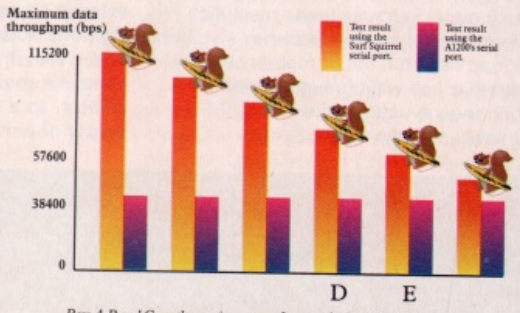
Surfing Starter Pack

- ★ V32 Modem, capable of speeds up to 14,400 bps.
- ★ Surf Squirrel interface.
- ★ Termite communications software - powerful yet easy-to-use, perfect for BBS and CIX access.
- ★ Free CIX registration (worth £29).
- ★ Simple installation.

Surfing Super Pack

- ★ V34 Modem, capable of speeds up to 28.800 bps.
- ★ Surf Squirrel interface.
- ★ Termite software.
- ★ Free CIX registration (worth £29).
- ★ All the tools you need for internet cruising, ready-to-go, no set-up.
- ★ Simple installation.

How much faster is the Surf Squirrel?



Bars A,B and C are the maximum transfer rates obtained when downloading an ASCII, Database and Graphic file respectively, using a V34/VFC modem. Bars E,F and G are the maximum transfer rates obtained when downloading an ASCII, Database and Graphic file respectively, using a V32bis modem.

SCSI Zip Drives

£199 £249 inc Squirrel SCSI

Amiga Zip Tools
exclusively from HiSoft

Zip drives from HiSoft include everything you need to get going on a SCSI-aware Amiga: the Zip 100 drive, a 100Mb cartridge, all necessary leads and a complete set of software, programmed by HiSoft, including:

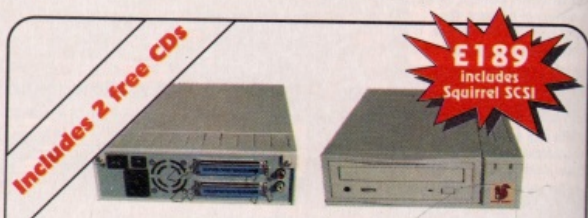
- *Easy access drivers*
- *Password protect*
- *Write protection*
- *Temporary unprotect*
- *Cartridge initialisation*
- *Cartridge eject*

Since being introduced, the Zip™ Drive has caused a storm in the storage industry, offering an unrivalled level of price, performance and reliability. This newest, most portable exchangeable hard disk drive weighs in at just 1lb, has fast transfer and access times (up to 1Mb/s transfer, 28ms seek), easily fits in your hand, your bag or your briefcase, stores up to 100Mb on floppy-sized disks, is perfect for all types of application and is priced at a level that will make you want to unzip your wallet immediately!

Price inc 100Mb cartridge, extra 100Mb cartridges £15.95 or less!

Order your Zip drive now to avoid disappointment!

SuperDouble CD Pack



The superb SuperDouble CD-ROM is back! Using an excellent 2.4 speed drive from Sony, this CD-ROM provides outstanding performance at an amazing price. With a 360Kb/s data transfer rate and a 230ms access time, the SuperDouble CD-ROM provides all the speed for the power user.

The SuperDouble is fully compatible with the new Squirrel MPEG card, supporting the industry standard VideoCD (White Book) format.

The SuperDouble CD-ROM pack includes the award-winning AGA Experience CD-ROM - rated 93% in issue 79 of Amiga Format. This CD-ROM is crammed full of pictures, utilities, demos, animations and tools for AGA Amigas. The SuperDouble pack also includes the latest Aminet CD-ROM. This disk is brimming with the latest PD, shareware, utilities, demos and picture files from the Aminet archives on the internet.

A *full* classic Squirrel is also included in the pack. This allows easy connection of any SCSI peripheral to the A1200. The package has all the necessary drivers and software for easy connection of hard drives, CD-ROMs and

A Touch More Amiga Magic

SQUIRREL HARD DISKS

- 1Gb Carts
- 6MB/sec
- 12ms access

jaz

Jaz is a revolutionary 1Gb removable hard disk system for any Amiga with SCSI. Like a Zip drive on steroids, Jaz provides astonishing performance. Offering data transfer rates of up to 6MB/s and access times of under 12ms.

For full information on this amazing SCSI peripheral contact HiSoft Systems.

£599 plus P&P

SCSI HARD DISKS

If you want a SCSI hard drive then HiSoft has the one to suit your needs; whether you are looking for an internal drive for your tower, or an external 1Gb beast-of-a-drive.

420Mb	internal	£159
420Mb	external	£219
840Mb	internal	£219
840Mb	external	£279
1Gb	internal	£269
1Gb	external	£329

Internal devices are suitable for mounting in the A1500, A2000, A3000 and A4000 and come with the necessary leads & screws whilst the external drives are supplied in our professional Squirrel cases which includes integral PSU, ID selector and SCSI connectors. SCSI connections leads of you your choice are available (at a small extra cost).

SQUIRREL MPEG

The SCSI MPEG Player for your Amiga, Atari, Macintosh & IBM-PC Compatible

Bring the cinema into your home and onto your computer with Squirrel MPEG™. Playing the popular VideoCD and CDI CD-ROMs as well as raw MPEG streams, Squirrel MPEG brings high quality digitally mastered images and 16-bit stereo sound to you and your Amiga.

Squirrel MPEG is a SCSI peripheral that can be used in conjunction with any SCSI controller, such as the Classic Squirrel™ or Surf Squirrel™, and any VideoCD compatible CD-ROM. Squirrel MPEG can also be used as a stand-alone unit, with a SCSI CD-ROM, as an addition to your TV, Video and Hi-Fi setup.

Available from March 1996, Squirrel MPEG is the latest in an established line of ground-breaking products, for you and your Amiga, from HiSoft Systems.

Cinema4D™

Professional Ray-Tracing and Animation for your Amiga

Cinema4D is the easy-to-use ray-tracing and animation system for your Amiga. Equipped with an intuition-based multi-tasking editor, Cinema4D is replete with every conceivable option including window-based real-time interactive modelling, direct modelling in 3D, basic and complex primitives with infinite variations, easy object manipulation, floating toolbars, user-defined menus, object and texture lists, definable object hierarchies, optimised versions for 68020 (A1200 etc.) & FPUs, and much more!

The Cinema4D animator brings you even closer to the world of "virtual reality", breathing life into objects and scenes. Whether you have your spaceship dock with a spacestation, or take a tour around the darkest dungeon - with Cinema4D it's so simple. Just a few mouse clicks and you will have your objects move realistically through time and space.

Cinema4D also includes MagicLink, the flexible object converter. MagicLink converts all popular object formats (Imagine, Sculpt, DXF, Reflections, etc.) to Cinema4D format & back.

DiskMAGIC

Easy File & Disk Management

Constantly doing battle with the Shell/CLI? Stop this futile struggle with DiskMAGIC, the easy-to-use file and disk management utility from HiSoft.

DiskMAGIC simplifies every task you perform, from the copying of disks and files, to the viewing of pictures and anims. In fact, after using DiskMAGIC, you'll wonder how you ever used your Amiga without it.

Order Hotline

0500 223660

To order any of the products shown on this page (or any other HiSoft title) - just call us, free of charge, on 0500 223660, armed with your credit or debit card; we will normally despatch within 4 working days (£4 P&P) or, for only £6 within the UK, by guaranteed next day delivery (for goods in stock). Alternatively, you can send us a cheque or postal orders, made out to HiSoft. All prices include VAT. Export orders: please call or fax to confirm pricing and postage costs.

© 1995 HiSoft. E&OE.

VISA Access

All prices include UK VAT @ 17.5%

Zip is a trademark of Iomega Inc

HiSoft SYSTEMS

The Old School, Greenfield
Bedford MK45 5DE UK
Tel: +44 (0) 1525 718181
Fax: +44 (0) 1525 713716
email: hisoft@cix.compulink.co.uk

Software '96

With big name software companies disappearing from the Amiga market at an alarming rate, things should look bleak but they're better than you might think ...

You may think you've seen it all before: the destruction of a computer brand by starving it of its lifeblood, software. But this time it's different. The Amiga has the largest installed user base of any home computer and, despite all the turmoil surrounding the Commodore collapse and the subsequent takeover by Escom, the machine still sells and Amiga Technologies are in the process of developing a whole new generation of Amigas.

More importantly though, the Amiga has not been outdated yet. Workbench is still the best operating system around (if you've tried multi tasking with a Mac or even using Windows '95 you'll know what I mean) and with upgrade processor boards it can still cut the mustard in terms of speed. So top quality, fast software can be produced for it, and it can sell.

All you have to do is look at the current crop of top games, *Breathless* (reviewed last month), *XTreme Racing* (reviewed on page 42) and *Alien Breed 3D II: The Killing Grounds* (previewed on page 38), or serious packages like *LightWave, Imagine, Wordworth, Final Writer* and *Final Calc* to see what the potential is. But even titles like this are not selling what they should do, and in certain cases not selling

New Developers ...

Effigy Software

Ian Jenkins from Effigy Software surprised us by sending a 21st Century beating pinball game in for review before Christmas. *Pinball Prelude* was the first product from this Lincolnshire based company and though delayed, it goes into distribution nationwide on February 28th, through distribution specialists Pinnacle. What is his outlook for games this year? "We made a promise last year to continue supporting the Amiga throughout 1996, and I intend to keep this promise ... we now have a non-AGA version of *Pinball Prelude* and the first data disk, *Egypt Table*, is already finished and we're working on more."

▲ Pinball Prelude, Effigy's Christmas present for the Amiga. They intend to continue support in 1996.

What about other products? "I like to think that Effigy is characterised by bringing out unusual or interesting products. You've seen *Pinball Prelude*? Well, we feel that there is a tendency to bring out boring games, just variations on the same old theme. We don't intend to fall into this trap. We have two other products lined up for the first half of the year. One is on the technical side, a music software package called *Sound Multiplexer* and the other is a game which will be cartoon style but with a difference: it'll have both 2D and 3D modes".

That sounds very unusual, what style of game is it going to be? "Well I'm not letting any secrets out at this stage", replied Ian, "but the 2D mode will be Disneyesque and the 3D mode Doomesque ... in a cartoon sort of way". What about later on in the year? "We've got more products planned for closer to Christmas, including a puzzle game, but I'll let you in on these when the time comes."

▲ Alex Amsel, programmer of XTreme Racing: Will continue to support the Amiga if possible.

Siltunna Software

Siltunna Software haven't been around for very long. Six months to be precise, and they've produced a game already. Some have said it was hurried, but *XTreme Racing* is one of the most competitive multi-player games on the Amiga, a sort of first person perspective *Skidmarks* crossed with Acid's other top racing game, *Roadkill*. It's reviewed on page 42. As brand new, never heard of before developers we asked them about their future projects and the state of the market.

▲ Richard Whittall takes a rest from drawing Elvis for the XTreme Racing data disk.

"*XTreme* was something I've wanted to do for a long time," says Alex Amsel, the programming half of the team. "The opportunity to actually realise the game

enough to justify further development. This comes down to three main reasons: machine specification, piracy and distribution.

Upgrades

We often come in for criticism in our letters pages for harping on endlessly about upgrading Amigas. This is fair comment. It costs money to buy accelerators, hard drives and CD-ROM drives and you have to remember that the Amiga was originally sold to us as a pretty much all encompassing machine.

Unlike PCs which have to have add-on graphics boards, sound boards and the like, the Amiga always came with good visuals and sound as standard. And the limitations of the trapdoor, the internal space of the wedge Amigas and the single PCMCIA slot have not altogether discouraged expansion (need is the mother of invention and there is, as you well know, a bewildering plethora of options for broadening your Amiga's horizons) but limited its scope somewhat.

Also, the price of the machine has been a stumbling block. At £200 a PC expansion is only a small fraction of the cost of a new machine and thus is seen as a comparatively small investment to improve a much bigger one. But £200 is over half the cost of a brand new Amiga, and if you've bought on a budget, then this sort of money seems ridiculous. The often ignored fact is that you can spend £1000 on buying and expanding an A1200 but you'll never get anywhere near that sort of money back if you have to sell it. No matter what's in it, it's still viewed as a cheap machine, unless you sell to a real enthusiast – and thankfully there are still some of them about.

But if you intend sticking with Amiga (which we heartily recommend) the only path is through upgrades. The PC market is software led. People have to upgrade just to run better software, but for most it's worth doing so. Technology stands still for no-one and although many see this cycle of development – powerful software needing ever more powerful computers – as some sort of conspiracy to make people part with cash, that's just life, marketing, the real world.

We all live, directly or indirectly by trade, by selling products. It's what makes the world go 'round. And we also always strive to do better. This is what software developers aim for.

Competition

There is a lot of competition in the software market, stand still and you'll fold. Moreover, new projects are exciting and all software developers love to see just how far they can take something. How close to the perfect game or application can one get?

This is why games like

▲ The wow-looking Slam-Tilt, 21st Century's bid to reclaim the Pinball high-ground from Effigy. Should be previewable next month, and we can't wait.

ewed on
Breed 3D II:
previewed
us packages
ine,
iter and *Final*
potential is.
is are not
ould do, and
selling

m drawing Elvises

ed a
e have
but
ne of the
ulti-play-
niga, a
perspec-
ssed with
cing
reviewed
nd new,
re devel-
m about
s and the

nething
r a long
nsel, the
f the
nity to
game

came when I got in touch with Richard through your Art Gallery section, that's something you might like to brag about to your readers". We would never do something like that now, would we? "The blitter mode came about because we had to do the game for standard A1200s, and yes, the disk swopping routine is a drag, but it has to be that way. Ideally everybody would have hard drives and accelerators and that's what we wrote it for really, though it's still good on standard machines".

What about future development? "It all depends on how well *XTreme* sells. To be honest we're not expecting masses of sales, but if it justifies us staying at what we're doing then we've got other projects in the pipeline." Such as? "Well at the moment we're working on new tracks and a full track editor for owners of *XTreme*. It'll be available by March " ... "and it's going to feature trackside Elvises and perhaps even a full Elvis scenario" interjects Richard Whittall, the game's graphics man. Elvis? "Yes", continues Alex, "we want to inject a sense of humour into the new tracks to make them something worthwhile getting. We don't just want to do 'another 12 tracks', we want them to be special". "Would you like some coffee", interjects Richard. Yes please.

But more of the future! "Inevitably we're looking at a PC conversion of *XTreme* and possibly another PC only product, but as I said, if *XTreme* sells well we'll do another Amiga game. We'd also like to extend our help to other developers who want to get work published. We have close links with Mark Sibly [of Black magic] and are keen to encourage people in the same way he has encouraged us. Games like *Breed 3D, Gloom* and *XTreme* have shown that the Amiga is still good for games, and it's a great way for people to start out. Sure, there's not gigantic amounts of money involved in Amiga games any more, but if you do one or two good games on Amiga it sets you up to program on other platforms. If anyone does use us as publishers we intend to become involved in the planning and development of the game to help things along."

Kellion

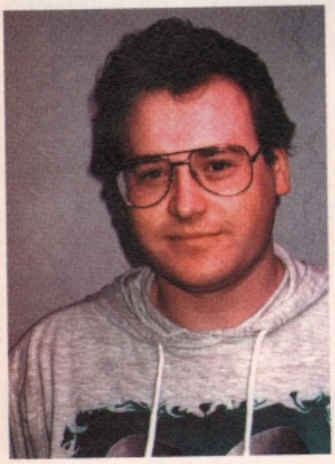
Producers of *Leading Lap*, Kellion are currently in a bit of a state since, just before we interviewed them, they announced that the game might not be released. "Which is a pity", says Tony Dillon, "because it's a damn good game and we had other titles in the pipeline". "The current situation with Amiga Technologies doesn't help either, but I still think the outlook for Amiga software isn't as bad as it seems. The biggest problem is distribution, which is, I suppose, a product of poor sales in the past but there are a lot less games out there now and the user base is still big, so I'm surprised it doesn't sell fairly well still."

What are sales like on Amiga at the moment? "Well they used to sell 50,000 copies of some games, but a good game now sells under 10,000, some as little as 1000." What about *Worms* though, it's been a best seller? "Ah", says Patrick Kelly, co-producer and partner in Kellion, "that's being distributed by Ocean. If you've still got a major publisher like that, or indeed Warner, who are behind *Sensible Soccer* you've got the muscle to market the game heavily and sell truck loads." So money follows money, so to speak? "Yes, and we haven't got any at the moment, that's why we're so concerned about *Leading Lap* not being released".

What other projects have you got in the pipeline then? "Well, we're not at liberty to say what exactly but we're still using the Amiga big time as you can see, and it means a lot to me personally that we do games for it. At the moment we've several multimedia projects going, some of them on Amiga, so you'll have to wait and see what happens."

▲ This looks like Leading Lap. Still unreleased because of poor retail orders, despite good reviews in the press.

XTreme, *Breathless* and *The Killing Grounds* are so demanding. They all need a minimum of an 030 40MHz accelerator to run as the authors intended, because the authors are surrounded by Playstation, PC and Saturn and are trying to make the Amiga, a machine they love, compete with these formats. Make an Amiga game that's better than games on these formats. A year ago no-one said a *Doom* style game could be done on Amiga, now there have been several. Titles like *XTreme Racing* and Binary Asylum's *Zeewolf* are produced by Amiga only developers and are competitive, but only on fast Amigas.



▲ Martyn Brown: The Amiga is still capable of producing a great game ... AB3D II will show 'em.

The piracy problem

But maybe there just aren't enough fast Amigas out there because Amiga only developers like the above are not getting a fair return for their time and money. Alternatively piracy could be to blame. According to Team 17, *AB3D* was on the 'net before it was ever released in the shops. Now that is disgusting.

One developer described the sort of Catch 22 situation he felt caught in when releasing a high-spec game: "The problem is that some of the people who have gone to the trouble of upgrading their Amiga are hackers. They expand them because they are real computer freaks and want the power, but they also pirate the software written for expanded Amigas and distribute it via the 'net. We are very aware that there is likely to be three or four times as many copies of the game out there as we have sold because there have been a hell of a lot more RAM boards and accelerators sold. This is not so bad if you're selling 100, 000 units of a game. But if you're only selling a couple of thousand, which does not pay several people's wages once retailers' and publishers' cuts, advertising and packaging have all been deducted, there's just no way you can justify continuing to develop."

▲ The piracy problem has not gone away: AB3D was allegedly on a bulletin board before it was released. This will destroy the market.

Basically, though it rarely gets the coverage it used to, piracy is still a big, big problem on the Amiga. Publishers and developers always said it would destroy the market but thankfully, so far, it hasn't been the reason for the decline. But take it from us, from now on if someone offers you a pirate copy of a recent game or technical package and you accept, you're putting one more nail in the Amiga's coffin.

Distribution

Another major problem is distribution. How many of you have gone into your local software emporium and struggled to find the Amiga section, never mind the game you want?

Once again the Amiga is falling victim to its own good value. A brand new Amiga game averages between £25-£30, an application between £40-£100, which is great for us, the consumers. But wholesalers, shops and the salespeople who earn commission from wholesalers on the products they sell to shops are not so understanding. With PC games averaging £45-£50 per title and applications well over £100, profit margins at each point on the chain are higher. That's not to mention the sort of

New Publishers ...

No software would ever get to the shops without a distributor of some sort. And with the larger companies no longer interested in dealing with Amiga products, room has opened up for a new generation of publishers and distributors to step in.

Guildhall Leisure

Guildhall Leisure has been around in some form or other for 13 years now. Originally known as CDS (whom some of you may be familiar with) it changed its name to Guildhall two years ago and has now got some pretty top titles under its belt. Giles Hunter, its founder, has three things which drive him on and keep him supporting the Amiga: A) Making money, B) The enjoyment of finding new talent, C) Making the products of this talent successful.

They've been involved with Amiga since it was first launched and intend to keep going for as long as is viably possible. We asked PR Manager Maureen Fraser what has been their most successful title: "*Super Skidmarks* ... this was launched in December 1993 on behalf of an unknown company. It's only claim to fame then was a title which turned out to be a best selling programming language: *Blitz Basic*. It was *Skidmarks* that launched Acid Software but also gave Guildhall Leisure the reputation for handling quality products and, more importantly, achieving success with them."

How do you source product? "Because of the success we have had with *Super Skidmarks, Gloom, Graham Gooch Cricket, Colossus Chess X* and *XTreme Racing* and because we've worked hard to build what we believe is a good reputation, we are currently finding that product is being offered to us rather than having to source it." So what makes a product successful then, and how do you go about telling people who send you real dogs that you're not interested? "Primarily, a good product makes good distribution. We are very careful about telling people that they have sent us a 'real dog' because, as we have seen so many times in the past, blockbusters have come from unknown and obscure people. We are selective, but don't want to be ignorant and we certainly aren't clever. Unfortunately, to achieve any level of widespread distribution with an Amiga product, we have to be confident it will achieve 85% plus in all magazine ratings."

How do you handle distribution? "We have two people liaising with as many UK and European distributors and retailers as they can, Hugo Hunter and his sales assistant. At last count we supplied into 15 countries including Australia, America, Germany and Poland." And what goodies do you have for us in 1996?

▲ Top: programmed in Blitz Basic, Acid software's Skidmarks launched their programming language onto the international games scene. Both have been success stories for Guildhall. Above: Fears.

prices console games sell at.

Thus developers like Kellion with finished games like *Leading Lap* (see previous page) cannot get it distributed. Sure, someone will take it on, as Black Legend did, but even they could not get enough advance orders for the game to justify Kellion going ahead with the expense of actually producing the packaging, manuals etc and duplicating the game.

Increased demand

But things are looking better. During Christmas 1995 shops simply didn't stock enough Amiga products, they were so busy packing their shelves with other kit. But there is still big demand for Amiga products, as demonstrated by very good sales for Sensi World, Worms and Alien Breed 3D and now that the new year has dawned and the frenzy of the Playstation launch has become a distant memory, it's business as usual. The shops are accepting more Amiga product again, especially the big HMV and Virgin chains so make sure you buy some, or it could all go pear shaped again! ■

New software releases ...

On the technical side of things, there is plenty of top software lined up for 1996, all competitive with the best on offer from rival machines. GP Soft are continuing to improve *Directory Opus*, with *DOpus 5.x* due for release in April. According to Greg Perry: "This is not just any ordinary upgrade, this is a major upgrade. We're incorporating many of the things people said they would have liked to see in *Opus 5*. It's not a new version, but there will be a lot of change for the good."

According to Giles Harwood of SoftWood Products: "We are as committed as ever to producing new software for the Amiga. As usual we'll be working on newer versions of our applications and will have announcements during the year of new features we'll be adding". The first of these will be *Final Writer 5* – the next instalment of the *Wordworth* versus *Final Writer* battle. "As far as the future of the Amiga goes, we would welcome some clearer news from AT about what their specific plans are for the platform" added Giles.

▲ Giles Harwood of SoftWood: working on new versions of all their applications.

With a new version of *Imagine* reviewed this issue and *LightWave 4* looming on the horizon, along with more product updates from Digita, who have also signed a deal with Cloanto to distribute some of their products there is plenty of high grade software on the way.

On the games front new titles are still on the way from 21st Century (another Pinball game – *Slamtilt*), and south coast stalwarts Vulcan Software are planning four releases right up until the summer. Although Team 17 are again saying that *Alien Breed 3D II: The Killing Grounds* is their last game, development director Martin Brown hasn't ruled out another release. "It takes a special game to really sell well these days and if another *Worms* rolls in we won't hesitate to launch it. *The Killing Grounds* is something I really wanted to do, to show that despite all that's said about the Amiga it's still capable of producing a great game. I want this to push the Amiga as far as it can go." Keep an eye on Mat's games news: there are plenty of software surprises around the corner.

For Amiga there are approximately six new releases planned but as we are in the process of finalising contracts, titles and timetables you will just have to wait!"

OTM

We asked the publishers of *IntOS, BTCC* and *Virtual Karting* just what 'OTM' stood for but both Martin and Steven declined to let us into the secret. "Figure it out for yourself", they said. They've had a good run selling the above products, thanks to good publicity and a strong sponsorship deal, but we haven't been that impressed with their games so far. "That's just your opinion, other magazines have given us good marks, but I'm sure you'll like our next couple of titles".

▲ OTM: positive about the short term future with games like Watchtower and Atrophy, but worried about what lies around the the corner if Amiga Technologies don't sell more Amigas.

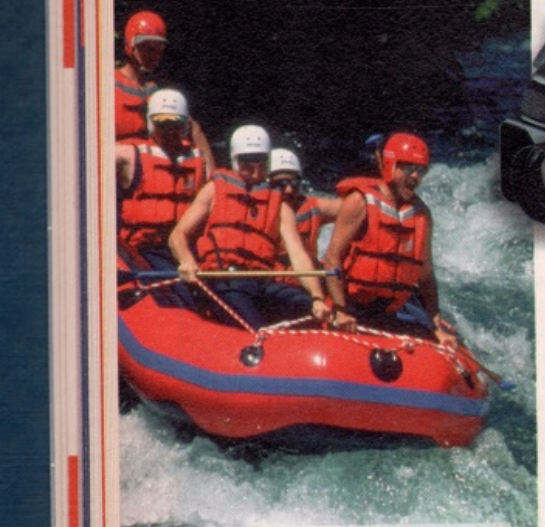
OTM's distribution schedule includes *Watchtower* (previewed on page 38) and *Atrophe*, a horizontally scrolling shoot 'em up in the classic mold. Although the lines between publishing and distributing seem to blur with both OTM and Guildhall (both can handle most of the functions of both publisher and distributor, from packaging and manuals through to duplication and distribution) it's because, according to Martin Lown, this sort of flexible approach is necessary in the market today. "We like to develop products further after we first get them, bring them to a stage where we're sure we can sell them into distribution. Thus we offer a complete back-up and marketing system. Although we do sell through a large distributor, we also get on the phone ourselves and provide a back-up service, making sure that shops do take our products."

And what about the state of the Amiga market at the moment. "I know things look bad", says Martin, "but the important thing is that people can still make money with us, even from a relatively low overall sale." And where does OTM source it's product? "*Virtual Karting* is from Italy, and Fabio is working on another exciting product for us at the moment, *Watchtower* is from a Finnish team called CyberArts and we have other European developers lined up".

What about later on this year? "We have more products llined up for later on in the year, but we really have to wait and see what happens with the Amiga. We are open to anyone sending us product for evaluation with a view to publishing and distribution. There is still money to be made and there are plenty of creative people and good games out there too."

Pro GRAB™... Rapid Frame Grabbing on your Amiga

Now compatible with both VHS and S-VHS!



The revolutionary S-VHS ProGrab™ 24RT Plus with Teletext is not only the best way to get crisp colour video images into your Amiga, from either live broadcasts or taped recordings, it also costs less than any of its rivals. This real time PAL/SECAM/NTSC* 24-Bit colour frame grabber/digitiser has slashed the price of image grabbing on the Amiga and, at the same time, has received rave reviews for its ease of use and excellent quality results. ProGrab™ has earned honours from just about every Amiga magazine and Video magazines too!

And... with ProGrab™ you needn't be an expert in Amiga Video Technology, a simple 3 stage operation ensures the right results - **Real Time, after time!**

STAGE 1...

Select any video source with S-VHS or composite output. This could be your camcorder, TV with SCART output, satellite receiver, domestic VCR/player or standard TV signal passing through your VCR/player... the choice is yours!

Grab images with your camcorder including S-VHS...

or, Take a signal from a TV with SCART output...

or, Use the signal from your satellite receiver...

or, Grab TV or video pictures from your VCR's video output including S-VHS.

STAGE 2...

With ProGrab's software, select an image you wish to capture using the on screen preview window and Grab (because the hardware grabs frames in real time, there's no need for a freeze frame facility on the source device). Once grabbed, simply download and view the full image on your Amiga screen. ProGrab also includes a Teletext viewing and capturing facility from either TV or satellite sources.

STAGE 3...

Use the 'grabbed' image with your favourite word processor, DTP or graphics package.

ProGrab **really does** make it that simple!

ProGrab™...

Supports all recent Amigas and is also fully AGA Chipset compatible. You can render images in any Workbench screen mode resolution including HAM8 mode (Amiga RAM permitting).

ProGrab™...

Saves and Loads images in IFF/ILBM, IFF/ILBM24, JPEG, BMP, PCX, and TARGA file formats. ProGrab saves animations as Anim5 files and animations with sound (requires PCMCIA interface and separate sound sampler) as Anim5 + 8SVX files. A range of image processing effects, palette computing routines (AGA only) and dithering methods are also new to ProGrab Version 2.5.x. Photogenics fully supports ProGrab with a custom 'Loader' to enable grabs directly from within the program - saving YOU time!

ProGrab™...

Software has built in mono and colour animation facilities. The number of frames is dependant upon your Amiga's RAM.

ProGrab™...

Release 2.5.x software now includes...

- **SUPPORT FOR VIRTUAL MEMORY**
  Allows the highest resolutions - Even with low memory Amigas (All Hard Drive Systems without the need for an MMU, requiring just 1Mb. Hard Drive Space).
- **ADDITIONAL TELETEXT FACILITIES**
  With either Terrestrial or Satellite TV signals.
- **LARGER PREVIEW WINDOW**
  Double Resolution and 4 times the area available with previous ProGrab software.
- **INTERNATIONAL SUPPORT**
  Now works with composite PAL, SECAM and NTSC Straight from the box!

*Standard ProGrab hardware is PAL/SECAM/NTSC compatible. Interlace mode options are available with PAL & SECAM only. NTSC Only models are available to special order which then support the interlace mode fully. Please ask us for full details.)

Pro GRAB™ SVHS 24RT Plus

Camcorder User commented... "If you're looking for a high resolution 24 bit digitiser then, at this price, ProGrab 24RT represents great value for money."

camcorder USER

ProGrab™ - Voted as **The Best Video Hardware** product for Amiga. This is especially pleasing because the award comes from the Amiga Shopper magazines readers...

Our **Satisfied** Customers!

ProGrab™ - Amiga Shopper **95% STAR Buy** and remarks like... "Sharp, crisp and faithful to the original colours, we were mightily impressed" and... "Highly Recommended. Whether you are a Videographer or a Graphic Artist, look to the ProGrab 24RT Plus. It's a winner"

ProGrab™ - Amiga Format **93% Gold Rating** and comments "ProGrab 24RT Plus is quite simply the digitiser to get". "Incredible value for money - no other digitiser offers so much for so little" "Offers far more features than any other digitiser near the low

CU Amiga said ProGrab™ is... "Just the job for beginners and semi-professionals on a tight budget" and, "very hard to beat. For the money, nothing can touch it"

AMIGA

For just £129.95...

ProGrab is supplied with everything you'll need✚...

- **ProGrab™ 24RT Plus Digitiser**
- **Mains Power Supply Unit**
- **User Manual**
- **Latest ProGrab Version 2.5.x Software**
- **Parallel Port Connecting Cable**
- **Input sockets for Composite and SVHS.**

PCMCIA Interface for A1200 and A600 - Only £34.95

ProGrab's optional PCMCIA Interface includes the latest version software and extends performance for serious/professional users - offering the following benefits...

- Faster Downloading Times (up to FIVE times quicker)
- Improved animation speeds of up to 11fps (mono) and 3.5fps (colour)
- Sound sampling and animation capabilities (separate sound sampler required)
- Saving of animations direct to your Amiga's hard drive
- Freeing of your Amiga Parallel Port for use by a printer or other parallel peripheral device

ProGrab™ supports any Amiga with Kickstart 2.04 or later & a minimum of 1.5Mb. free RAM.

✚ A video source cable will be required to match your own equipment set up - Ask for details.

Get **your** hands on NEW ProGrab Plus - Post or FAX your requirements (Quantity Trade Prices Available) on the order form provided OR, if you'd simply like further information please contact...

GORDON HARWOOD COMPUTERS

Gordon Harwood Computers Limited.
New Street, Alfreton, Derbyshire DE55 7BP.
FAX: 01 773 831040 or...
TELEPHONE
01 773 836781

Mr/Mrs/Miss/Ms:	Initial(s):	Surname:
Address:		
County (Country):		Postcode:
Daytime Phone:		Evening Phone:

___ ProGrab Plus™ @ £129.95 inc. p&p	£	:
___ PCMCIA Interface @ £34.95 inc. p&p	£	:
___ V 2.5.x S/W (User Upgrade) @ £4.95	£	:
Optional FAST Courier Delivery @ £6.95	£	:
TOTAL	£	:

Overseas Customers...
Please call for prices, shipping etc.

Card holder's signature: _____

Card No | | | | | | | | | | | | | | | | |

Expiry Date | | | | Valid From: (Switch Only) | | Issue Number: (Switch Only) | | Department:

I enclose a Cheque/Bank Draft/Postal Order for £ _____ : _____ made payable to GORDON HARWOOD COMPUTERS LIMITED

ScreenScene

This month's batch of games releases sees some old favourites with the words deluxe, extra or turbo tacked onto them. Does this trend in the software industry of releasing sequels to successful games mean that we are getting a completely new game in the same genre as the successful original? Or do we end up with something which is essentially the same game but with a few added extras. I think it depends on the results.

In the case of SSFII Turbo the updated version of this beat 'em up classic is very welcome indeed. Gametek's version of the Turbo edition is a much better conversion than US Gold's of the super edition.

Super Skidmarks Extra is basically 12 new tracks for the original superb game. Gloom Deluxe, however, although improved graphics wise remains largely the same. If you've already got a copy of Gloom then I wouldn't advise you to splash out on this. However, if you've yet to get yourself a copy of this excellent Doom clone then make sure you get the Deluxe version because it's the best version of Gloom yet.

Perhaps, software companies could take a leaf out of Team 17's book when it comes to releasing games built on earlier successes. Team 17's smash Alien Breed is to be soon followed by a sequel - Alien Breed 3D II (The Killing Fields). From the early version we've seen it looks like it's going to be a totally new game but still retaining all the things that made us love the original Breed. Great stuff.

Finally, one our most popular cover disks ever, XTreme Racing, is finally finished. You'll be glad to know that it was worth the wait.

Lisa Collins

Deputy Editor

XTreme Racing II p42

Alien Breed 3D II p38

PREVIEWS

- Alien Breed 3D II.....38
- Watchtower.....38

REVIEWS

- XTreme Racing 42
- SSF II Turbo..... 47
- Gloom Deluxe 51
- Super Skidmarks Extra 52
- Airbus A320 55

TIPS & GUIDES

- Vampyra 56
- Snip Tips 59

Super Street Fighter II Turbo P47

Gloom Deluxe p51

Alien Breed 3DII

The Killing Grounds

■ Due: April ■ Publisher: Team 17 © 01924 267776

It's back and it means business. Alien Breed 3D was a top rated game but Team 17 thought they could do better. And no-one believed them.

If you look at the back page of the manual for *Alien Breed 3D*, Andy Clitheroe is credited with a lot of things: programming, game code, graphics, game design and manual writing. What they haven't credited him with is being a big soppy show off. It all started over a year ago when a mate of his girlfriend, Jackie, got *Doom* on the PC. She said it was brilliant so, just to impress her, big Andy said something like: "I could do a game like that for you darling, no problem!" So he furiously set out to prove his manhood and created a 3D maze engine and editor, some scary aliens and, after buying Martyn Brown a couple of Caffreys ales (vouchers for Caffreys included with game demos reputedly elicit a much more positive response from Mr. Brown), had it released as *Alien Breed 3D*. Jackie was impressed. Allegedly.

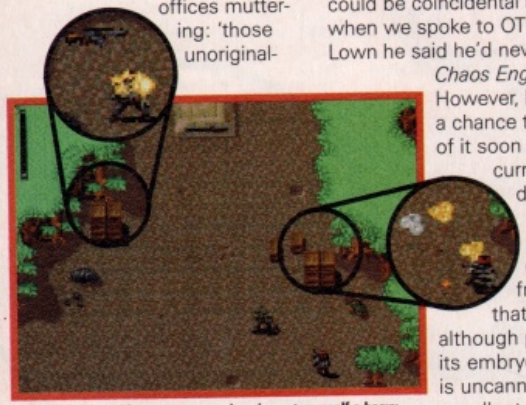
And so were thousands of people who bought the game. Something still worried Martyn Brown though: cheeky usurpers were launching products with much better resolution ("but not playability" according to him) than his cherished *Breed* and he just wasn't going to lie down on the pub floor and take it. This is where it gets weird, but stay with me.

Andy Clitheroe, ensconced in a Rocky mountain love nest with his mind on other things, was unwilling to come out of retirement just to satisfy Brown's jealous megalomania though, and it seemed as if all we would get was a *Breed 3D Special Edition*, with extra levels and the editor. Then a mercenary game producer called Phil kidnapped Jackie, and the only way to get her back was for Andy to start work on a new *Breed 3D*. The stage was set for a dramatic comeback.

Watchtower

■ Due: February ■ Publisher: OTM © 01827 312 302

As the old proverb goes "Imitation is the sincerest form of flattery". Maybe Warner might take this stance when they see *Watchtower* OTM's latest release. Or perhaps the boys and girls at Warner might spend weeks stomping around their offices muttering: 'those unoriginal-thinking swines at OTM have ripped off our top selling game *Chaos Engine* and what are we gonna do about it!" But then OTM could retort with other trusted proverbs such as "if it ain't broke don't fix it" (not a proverb I know) or "only the best get better". Or the similarity at this early stage could be coincidental because when we spoke to OTM's Martin Lown he said he'd never even seen *Chaos Engine* before. However, he might get a chance to something of it soon as *Chaos 2* is currently in development. Either way, there's no getting away from the fact that *Watchtower*, although presently in its embryonic stages, is uncannily like the excellent shoot 'em up *Chaos Engine*. In *Watchtower* you are a commando with a set of military style missions that must completed. Although these missions take place over differing terrain – jungle, desert, city – the basic premise is the same: shoot all armed soldiers before they get you, blow away anything such as heavy wooden crates that get in your way to get more rifles, grenades, and other bonus pick ups. Sounds familiar.



▲ Top left: blow this crate away and you've got yourself a heavy duty rifle. Right: these crates reveal some bonus pick ups.

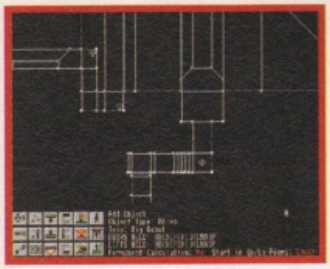
▲ Soldiers to the left, grenades to the right. Our man's stuck in the middle with you.

So far *Watchtower* looks and feels very similar to *Chaos Engine*. To their credit, the Finnish based Development team, CyberArts have done a great job with the graphics. The demo version we received looked superb and it was also very easy to play. The graphics are in another league compared to OTM's other forays into the gaming world: *Virtual Karting* and the infamous *British Touring Car Challenge*.

We've only seen the first level of *Watchtower* and it looks good so far. The finished version will determine how far it matches up to the high standard of *Chaos Engine* and if it does, great. *Watchtower* should be released next month. It will be two-player, hard disk installable and will run on the A1200/A4000 and CD32. ■

Lisa Collins

▲ See the ripples on the floor? That's water. You can walk through it standing up or completely submerged. Some weapons will not work under water though. Top right: The level editor.



Which is, as you may have realised, a load of rubbish. But it's much more exciting than what really happened, believe me.

For all Amigas!

We published screenshots of the new game a couple of months ago and they have also been available on Team 17's Web site. These have caused some controversy because of their quality: people have written to and Emailed Team 17 stating their disbelief that they're actually from the game. And to be quite honest we had our own doubts. So I hopped into my car and spent four hours on the M1 crawling to Ossett, *Breed* Global HQ, to find out.

Three seconds after loading a level of the game I became a believer. What is now known as *The Killing Grounds* is so much different from the first one, it seems almost a complete re-write. But, according to Andy, most of the groundwork was already done in the first one and the editor remains essentially the same.

There will actually be two versions of the game released in the same box. One is the long awaited 1x1 pixel version we've got screenshots of, the other is going to be a 2x2 pixel version, similar in look to the first *Breed 3D*, though with the same levels as the higher spec version. The big news is that the latter is designed to work not just on basic A1200s (the 1x1 pixel mode is too slow without an accelerator) it also will work on any 2Mb Amiga with an 020 or better processor. ECS Amiga owners previously denied the joys of *Breed 3D* have a lot to look forward too if this version works as planned.

Lights 'n' glare

But what I really went to see was the 1x1 pixel game and although it's not going to be finished for another two months (a March/April release is on the cards) it's coming along nicely. I was shown it running on an 030 50MHz upgraded Amiga 1200 and with a two thirds screen size it was faster than either of its main competitors, *Gloom* and *Breathless*, though creatures still have to be added. Only one of the old aliens is being retained: the red demon dog, and at least eight new ones are being rendered in *Imagine*.

Apart from all the visual advantages inherent in the gorgeous screen mode, other new features include a look up/down option a la *Breathless* as well as the 'ducking' and running options of the original. Weapon shots now have real time lighting, illuminating the dark corridors they are fired down and the various lamps and torches littered throughout each maze have shimmering glare and smoke effects, adding realism.

Intelligence

More frantic news is that the game is no longer just a matter of killing aliens, getting keys and leaving the level; *The Killing Grounds* will feature a defined mission for each level. According to producer Phil Quirke-Webster "the style of gameplay is much more like *Heretic* than *Doom*. We wanted to make it more mission based than just strictly shoot 'em up". Towards this end the aliens now have a much improved artificial intelligence. "In truth they had no AI at all in *Breed 3D*", according to Andy Clitheroe, "it just seemed as though they had. This time they can communicate with each other and operate in teams. If you make noise in one part of a level, or you shoot an alien, you can be sure his team will be after you fast".

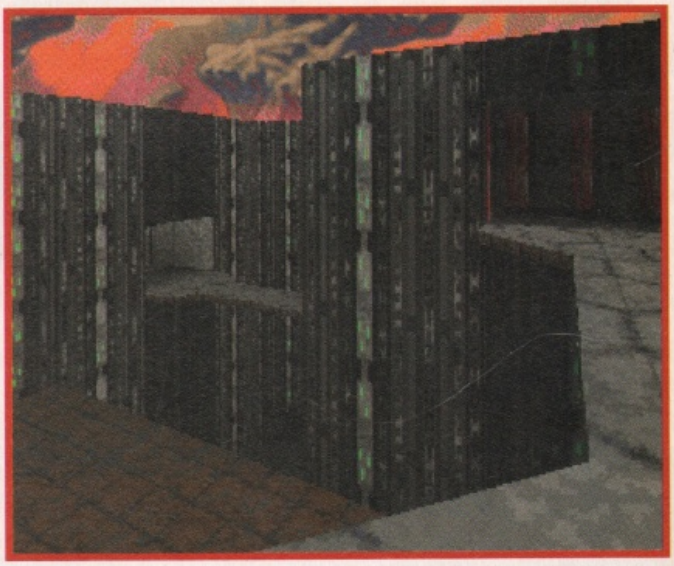
And because of a bigger emphasis on platforms and multi-layered levels, with the up-down firing option, the player will also be able to pick up a jet pack and fuel icons. "This adds a new dimension to the game", claims Andy, "there are floating aliens, but now you have more mobility too. You'll also be able to pick up combination back-packs which contain some ammo, some health and some fuel, rather than just picking up one at a time". One of the most atmospheric aspects of the original was the water levels, allowing you to duck under. They are retained in *The Killing Grounds* but look even better.

This version will also be supplied with the full map editor allowing you to create completely new mazes and drop in aliens with relative ease. According to Phil: "in the manual we'll use the existing levels as a sort of tutorial for people to mess about with, then they can create their own ones".

I can conform that *Alien Breed 3D II: The Killing Grounds* is stunning in motion, not just in screenshots. If Andy manages to get all of the features he's promised into the final game, with anywhere near the speed I saw it running at, they're onto a winner. We should have a review in the next two months. ■

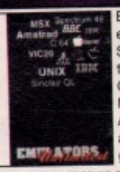
Alan Dykes

▲ Phil Quirke-Webster (left), Andy Clitheroe in Team 17's development dungeon.



▲ The mazes are now even more complicated and multi-layered. The Addition of a jet pack should make them more navigable though.

EPIC MARKETING
CD ROM SOFTWARE



Emulators Unlimited contains Software emulation tools for the Amiga & PC. Spread over the two platforms are emulators for: Apple, BBC, Commodore 64, Commodore VIC20, Amstrad CPC, Apple Mac, Gameboy, Atari ST, MSX, Apple200, Atari 800, Atari1040ste, Sinclair QL, Unix and more. Also features hundreds of games,tools etc for most of the emulators.

EMULATORS UNLIMITED NEW!!! (CD117) £19.99

Sound FX Sensation is an original new CD that contains hundreds of megabytes of high quality samples. A superb CD for game makers, demo makers, or even film makers. Hundreds of Sound FX subjects include Animals, Wild life, Nature, Explosions, Creatures, Scary stuff, Science fiction samples, House hold noises, car crashes, and hundreds more.

Suitable for use on any Amiga configuration. Available April 1996

SOUND FX SENSATION (CD165) pre-order price £14.99

ADULT SENSATION

Adult Sensation is possibly the Amiga's largest selling adult title. It features over **4,000** high quality 256 colour images of the "adult" nature. Image viewers and coverters are included for every configuration of Amiga. (OVER 18 ONLY) (CD01) £19.99

ADULT SENSATION 2 *The new batch*

Adult Sensation 2 not only contains **4,000** new colour images but also includes tons of adult related samples, adult music modules, tons of adult stories, adult animations, black&white 70's photos, adult games and more. (OVER 18)(CD115) £19.99

SEXY SENSATIONS

Available now, this CD contains around **2,000** especially chosen high quality GIF Images. Viewers & graphic converters are included for easy and quick access to any of the pictures on any Amiga. (OVER 18 ONLY) (CD169) £19.99

ADULT SENSATION 3D EXCLUSIVE!

Available sometime in February '96 this CD actually contains over **2,000** true 3 Dimensional colour images. 3D viewing software and top quality 3D glasses are also supplied. Order now for Imediate despatch apon release. (CD145) £19.99

SPECIAL EDITION PACK (Order code: CD180)
ADULT SENSATION 1 & 2 FOR JUST £29.99 +P&P

World of Clipart is a double CD-ROM containing around 40,000 mono and colour clipart images contained in over 100 catagories in IFF, GIF, PCX, CDR, EPS, TIF, & BMP. Tools for converting images to another format are included for both the PC & Amiga. Subjects include : Animals, Anatomy, Babies, Men, Women, Trees, Reptiles, Insects, Xmas, Religious, Planes, Vehicles, Ships, Toys, Zodiac signs, Eye catchers, Humour, Cats, Dogs, Computers, Technology, Sealife, Space, Symbols, Royalty, Dinosaurs, Plants, Nature, Ads, Tools, Astrology, Hands, Birds, Business, Office, Workers, Cartoon, Lion King, Education, Food, Gardening, Holidays, Houses & Buildings, Helicopters, Children, Banners, Medieval, Military, Monsters, Music, Sports (football, golf, Aerobics, Olympics, etc), Transport, Trains, War and more! *94%*

WORLD OF CLIPART *Plus* DOUBLE CD (CD77) £17.99

This CD contains information that NOBODY wants you to know about. and includes tons of megabytes of text documents and photographs relating to UFO sightings and abductions etc since 1941 aswell as hundreds for "classified" documents.

ENCOUNTERS (CD179) £14.99

AGA experience contains hundreds of megabytes of AGA animations, mega demos, tools, graphics etc. basically everything every released for AGA based machines. *Rated over 90%*

AGA EXPERIENCE (CD168) £19.99

SCI-FI Sensation is an exciting new CD-ROM containing over 1.3GIG of SCI-FI images, animations, 3D objects, Sound FX, Documents, Themetunes, Scripts & SCI-FI games. Subjects included are: Babylon5, Startrek (The original, TNG, Deep Space 9 and Voyager), Batman, Dr Who, Thunderbirds, Robocop, Sea Quest DSV, Bladerunner, Aliens, Terror hawks, 2001, Blake7, Battlestar Galactica, Tron, Total Recal, 2010, Space 1999 etc. ***Buy SCI-FI Sensation from us and you are guaranteed to always receive the latest version.** *CU Amiga: 91% AUI: 93%*

SCI-FI SENSATION v2 DOUBLE CD (CD118) £19.99

If your into Horror then this original CD ROM will please you no end. It contains Thousands of grusome images, tons of gory animations. Bloody games. Spine tingling horror type sounds, Horror stories, Eariee music modules. Pictures & animations from hundreds of horror films and heaps of *real-life* blood'n'guts. (Adults only)

HORROR SENSATION NEW (CD144) £19.99

Over 7000 royalty free colour images. Subjects include: cats, aviation, animals, people, hi-tech, space, cars, trains, textures, nature, sports, pin-ups, boats, flowers, plants, seasons, birds, technology, raytraced, cartoons, fantasy, art, reptiles etc, etc.

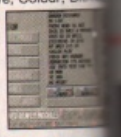
GIF SENSATION DOUBLE CD (CD128) £19.99

Arcade Classics is an original collection of ALL your old arcade favourites, Including Amiga & PC veriations of : PACMAN, SPACE INVADERS, ASTERIODS, MISSILE COMMAND, PENGO, FROGGER, LOAD RUNNER, GALAXIANS, DONKEY KONG, NUMEROUS TETRIS GAMES, BATTLEZONE, TEMPEST, COMBAT, TRON, SPACE WARZ, THRUST, Q-BERT, HUNCHBACK, MOON PATROL, TRAIL BLAZER, BREAKOUT, CENTREPEDE, CYCLES, BEZERK, SNAKE, SCRAMBLE, PING PONG, BREAKOUT, NUMEROUS C64 CONVERSIONS, A COLLECTION OF JEFF MINTER GAMES AND HUNDREDS MORE. Over 600mb of unforgettable retro-gaming. Keyboard recommended.

ARCADE CLASSICS *Rated 87% AC* (CD76) Now

THE EPIC COLLECTION

Contains our most popular floppy based ware titles on one giant CD-ROM. Now can purchase the entire Epic collection go. This compilation contains hundreds megabytes of Amiga software. subjects include: Professional mono clipart, colour part, numerous 3D objects for Imagine & Lightwave, Colour, Bitm Compugraphic fonts & Adobe fonts, Graphics converters, Music tutorials, Beginners guide, 3D stereogram generators, Hundreds of Sound FX and samples, Virus Killers, Hard disk installer & tools, Various Hardware projects, A number of classic demo's, Hundreds of games and more... *Supplied with printed Index.



THE EPIC COLLECTION v2 NEW PRICE!!! (CD100X)

Retro gaming at it's best. Around 5 all-time classic spectrum game files one CD-ROM. Emulators included Amiga, Mac, Atari ST & PC (dos & Windows). Games include Manic M Skool daze, Monty mole, Startrek, T Jet Set Willy, The Hobbit, Strip Pok Danger Mouse, The Sentinel, Micro Olympics, Under Wurlde, Uridium, Atac, River raid, Barbarian, Hunchback and around 5000 other spectrum game files including *multi-load* games. Speccy part 2 also contains hundreds of documents containing instructions for most games aswell as hundreds of speccy game cheats. Keyboard required.

Rated: *AF GOLD 95% - CUAMIGA 91% - AUI Over 90% - AC*

SPECCY SENSATION 2 (CD119)

The largest collection of Magic Workbench Icons, Backdrops and tools ever compiled. Includes well over 5,000 Icons, Over 600 selected Magic WB backdrops, and mega of WB desktop enhancer tools/utilities. Suitable for any Kickstart2/3 based Amiga

MAGIC WORKBENCH ENHANCER (CD152)

The Grolier electronic Multimedia encyclo contains thousands of pages of informati every subject, with Thousands of great c photographs and illustrations and hundred sound clips from the BBC this CD-ROM essential purchase for all CD-ROM users. *Rated 97% AC - 94% A*

GROLIER ENCYCLOPEDIA (CD46x)

Lucky Dip volume 2 contains stacks of games, demos, clipart, fonts, music, tools, graphics utilities, Animations, Sound FX, Samples, and loads more. (now with Amiga front end) *A bargain!*

LUCKY DIP Volume 2 (CD163) £5.99

This CD contains almost variations of the worlds addictive and loved game. Nearly all the games are to run directly from CD, archived versions are also included.

NOTHING BUT TETRIS (CD148)

UK FREE PHONE Order line:
0500 131 486
Oversease Order / Enquiry line. **01793 514188** Fax: 01793 514187

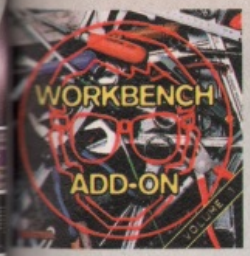
Epic Marketing, 138-139 Victoria Rd, Swindon, Wilts. SN1 3BU. UK
UK & EUROPE Open Monday-Saturday , Please make cheques payable to: EPIC.
P&P in UK = £1 per title, Overseas P&P = £2 per title, Free colour CD list available. E&OE

EPIC MARKETING (AUSTRALIA)
If you live in Australia or New-Zealand you can now purchase any of the above CD ROM titles from our Sydney based premises. Send your orders or enquiries to:
EPIC. 36 Forest Road, Heathcote, NSW. 2233. Australia.
Please make cheques payable to A. SPITERI
Tel: (02) 520 9008
Fax: (02) 520 6077
For prices in Australian $$$ simply double the UK £££ prices listed.

PRIORITY ORDER FORM
NAME _____
ADDRESS _____
_____
_____
MACHINE _____
PAYMENT METHOD _____
CREDIT CARD DETAILS
_____
EXP DATE _____ CU AMIGA

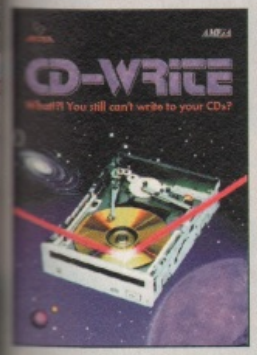
PLEASE SUPPLY PRICES INC

ITEMS	QTY	£
TOTAL GOODS VALUE		£
POST & PACKING		£
AMOUNT ENCLOSED		£



Workbench Add-On Volume 1

Workbench Add-On CD-ROM is the ideal companion to your ... On this CD you will not only find the best programs, that ... for the Amiga, but you will also get them ready-to-run ... In addition to this there is an installer script that installs ... programs to your harddisk.
... all areas of interest, all, the programmer, the user, the ... the gamer will find what they are looking for. On this ... there are many shareware programs, some of them at a ... If you get registered. There is e.g. Shapeshifter for 40.- ... of 50.- DM), in addition to this there is a 50 MB Mac ... that you can start playing around with Mac applications ... Then there is PowerPlayer for 20.- DM (instead of 30.- ... are, of course, loads of modules with it, so that you can ... away. AmiWin, the new X11-server for the Amiga is ... for $40, instead of $50. You can so ve more than 100.- ... CD. Therefore you only have to send in the appropriate ... booklet to the author of the program. £24.95



CD-Write

... still can't write to your CDs? CD-ROMs have long been ... part of Amiga computing. Many users already own a ... drive, and the number of software packages available on ... steadily. Until now, though, it was not possible to ... CDs. We have solved this problem with our new revolutio- ... product Ralph Babel and Stefan Ossowski's Schatztruhe are ... present what can be considered a marvel of technology: ... enables you to virtually write to CDs with an ordinary CD- ... from now on, you will be able to write, delete, and mo- ... on your CDs. This product will take you into a new era, and ... able to utilize CD-ROM technology to its fullest. £44.95

FreshFish 10

... CD-ROM-series, produced directly by Fred Fish, provi- ... users with hundreds of megabytes of the latest freely re- ... software. Published approximately every two months, ... is a two CD set containing new submissions since the ... as well as an ever growing selection of tools, libraries, ... and other useful material that is updated with every

CDBoot 1.0

CDBoot is a fantastic new product that enables you to use almost any CD32 games on an A1200 or A4000 (with AT- or SCSI-CD-ROM drive and any filesystem). You can create a configuration file for each CD, containing information on the Joypad emulation. You can also save the highscore of each CD32 game. The usage and installation of CDBoot is very easy, also for beginners, due to the excellent English manual. Since the compatibility is very high, you can use 98% of CD32 games currently available. CDBoot is an excellent software solution for all Amiga-Freaks, who would like to enter the world of CD32 games! £34.95

Aminet Set 1

Aminet is the world's largest collection of freely distributable Amiga software. Up to 10.000 users access the vast archives every day and countless programmers publish directly via Aminet. Until recently access to Aminet was restricted to international network users. With Aminet Set 1, consisting of 4 CDs, the complete archive is published the first time. This CD-ROM-collection, which is dated January 1995, offers an almost inexhaustible reservoir of top-value Shareware. A wide variety of programs is included: Applications, Games, Demos, Pictures, Mods, Animations, Developer-Material, ... It contains approximately 4 gigabytes of software in 12.500 archives and you will enjoy the comfortable user-interface. £29.95

Aminet Set 2

AMINET SET 2, dated November 1995, consists of approximately 4 gigabytes of software in 12.000 archives. Whether you like applications, games, communications or programming, the SET gives you all you need. Easy to use index files and search facilities make accessing it a pleasure. £34.95

Gamers' Delight II

This CD contains 1070 games for the Commodore Amiga from differing categories. Action, Jump & Run, Card Games, Puzzles, Strategy Games - a whole range of computer entertainment awaits! Gamers' Delight will hold you captivated for hours and guarantees long-lasting pleasure. 70 games are commercial versions - no public domain & no demos! This CD can be run on any Amiga with CD-ROM drive,1 MB free memory and Joystick/Joypad. £26.95

Meeting Pearls Vol. III

The Meeting Pearls Volume III contains 650 MB of the finest FD software via a special user interface, which has been created to allow you to find the program of your choice with ease. The contents: 10 MB Packer, Cruncher, Archive Programs · 3 MB CD-ROM Utilities · 21 MB Communication and Network Programs · 5 MB Debugging Tools · 29 MB Development Tools · 13 MB Floppy, Hard Disk ans SCSI Programs · 8 MB Educational Programs · 9 MB Games · 35 MB Graphics Programs · 39 MB Internet Movie Database, Updated Version · 7 MB Midi Tools and Programs · 27 MB Mods · 12 MB Music Programs · 21 MB Pictures · 13 MB AmiTCP and more for Networking · 60 MB Documentation, CD-ROM Databases, etc. · 96 MB TeX 1.4 - not previous available on any CD-ROM · 15 MB Utilities · 30 MB HTML-Pages · Collections of datatypes, benchmark programs, icons, programs for amateur radio and electrical/electronic engineering are also included. £9.95

Aminet 9

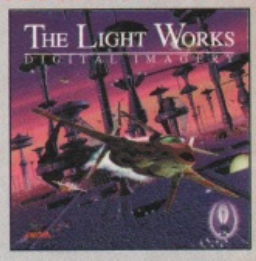
Still available! £14.95

Aminet 10

Aminet CD 10, dated February 1996, consists of approximately 1,1 gigabytes of software in 3600 archives. Since the release of Aminet CD 9 more than 500 MB new software has appeared. The current edition has a special focus on fonts, more than 1000 fonts from the internet were included. User friendly access software makes the Aminet CD 10 a pleasure to use. £14.95

XiPaint V3.2

XiPaint is a leading edge, 24-bit paint program. It's suited to th... demands of novice and expert alike, and within a short time, yo... too will be able to produce colourful and creative art in 16.8 milli... colours. This version of XiPaint provides a professional paint progra... at an unbeatable price/performance ratio.
Overview of Features: · Diverse paint functions including colou... contrast and saturation adjustment · Mask, outline, recolour and f... functions · Airbrush with adjustable spray functions · Light-tab... function for manipulating mantages and animations · Text functio... with anti-aliasing using Compugraphic fonts · Support for a variety ... graphic formats · Unlimited Undo · Diverse manipulation of alph... channel · Supports many graphic cards · Layers to combine differe... projects · ARexx port · Drag & Drop colours · External filter module... Extensive documentation · 60 textures, 50 landscapes, 30 oth... pictures and many fonts included. £49.95



The Light Works

Raytracing · A fascinating area of the computer graphics. Pictu... from the computer, perfectly rendered, fascinate people all over t... world. The Amiga was the first computer to be used for raytraci... and today it is still a leader, with many high quality programs. A re... artist of raytracing is Tobias J. Richter from Cologne/Germa... whose detailed objects stun the people. Especially his space ships ... famous science fiction films are used to demonstrate the capabili... of a raytracing program. The objects are highly detailed a... extremly realistic due to the application of complex surface textu... of the models. Until now it was difficult to acquire these objects ... order to create ones own scenes or animations. £29.95

NetNews Offline Vol. 1

NetNews Offline Vol. 1 is the first disk of a new bimonthly publish... series of Amiga CD-ROMs which contains all Amiga-related ne... groups from the internet. Every volume features about 50.0... articles which contain hot rumours, important information about ... aspects of the Amiga, press-releases, discussions and flame wars, ... A newsreader is included. NetNews Offline is the cheap alternat... of getting in touch with Usenet. £14.95

All products are available in your local Amiga-shop or through national mail-order-companies

SCHATZTRUHE

International Distributor

GTI

GTI
Grenville Trading International GmbH
Zimmersmühlenweg 73
61440 Oberursel · Germany
Tel +49-6171-85937
Fax +49-6171-8302
EMail: Compuserve 100336,1245

XTreme Racing

■ Price: £29.99 ■ Publisher: Black Magic/Silltunna ✆ 01302 890 000

AMIGA MAGAZINE SUPERSTAR

Billed as one of the best racing games in a long time last month's cover disk gave you a taste of what to expect. And by golly it's good.

As the old saying goes: 'If the mountain won't come to Mohammed, he'll render a new one in *Vista Pro*'. If you're in the heart of rural England gagging for decent games and no-one is producing them, you've got to do it yourself. And so a young lad with big, steel toecapped boots and an internet account set himself the task of not quite recreating *Mario Kart* on Amiga. Alex Amsel, Wolves supporter, programmer and game designer, claims: "It's actually not at all like *Mario Kart*, any resemblances are only superficial". And he's right you know, there's not a Mario or Yoshi in sight.

Despite very little advance publicity Silltunna's little gem has raised a lot of interest and we were eager for the full title to arrive in: especially after last month's cover demo. This was one of the most popular disks ever, if the amount of phone calls and letters we've received about it is anything to go by. The boxed game finally arrived the day before our Christmas hols and we had it up and running, serial linked between two Amigas in a flash. Luckily, after Christmas, Lisa was on extended holidays and the cattle prod she normally uses to extract reviews from us was hung up on the wall, well out of harm's way. So we spent ages playing it, examining every nook and cranny of every track with every car: purely for research purposes of course.

▲ Four players at a time! It's very cramped and a tad slow. But it's good.

▲ It honestly looks better than this in A1200 blitter mode and it is playable. But with an accelerator ...

▲ This is where you want to start each time. It's not so easy though, you (well, I) usually begin at the back.

A barrel of fish

But there were a couple of things that really puzzled us about *XTreme Racing* before it ever turned up. Who were Silltunna? Where did they get the weird name? Why had we never heard of it before?

First things first, Silltunna consists of two chaps from Staffordshire, Alex Amsel and Richard Whittall, helped by dozens of wonderful graphics and sound wizards, idea people and the general sort of top class lads and lasses that hang around programmers' bedrooms. They also solicited much help and

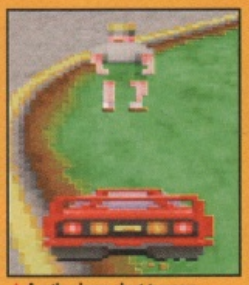
▲ Two player mode. Get another Amiga and a serial cable though and you can have up to eight players!

Suicidal bystanders

Racing around *XTreme*'s tracks, one can't fail to notice the poor fools standing vulnerably on corners or wandering over and back on the track. If you hit one it's pretty messy but we all have to put up with these sort of trials and tribulations.

▲ Hello man. Mind if I bump into you for the camera?

▲ This is some sort of weird floating Chicken. Soon it'll be dinner.



▲ A rather large short trousers wearing idiot stands on a corner ...

▲ And regrets it. Scenes like this are accompanied by a squelch.

▲ A boring options menu. But look, you have a choice of five types of music.

▲ The overhead viewer allows you to see the lie of the land before starting the race.

encouragement from Mark Sibly in New Zealand who has lent the Black Magic name to the project in a publishing capacity, as well as advising on certain aspects of the gameplay and design: such is his faith in it.

The name Silltunna is Swedish in origin and means 'barrel of fish', which the lads think is a right laugh. They claim it doesn't really signify anything, it just sounds cool. Development only started in August 1995 after Alex had contacted Richard when some artwork by him was published in CU Amiga Mag's Art Gallery. I'd say that's some achievement: 0-100% finished in under six months!

Weapons

XTreme Racing is fairly conventional in terms of setup, after all it's a racing game. There are 12 tracks, eight cars, a single race mode, a season mode, a championship mode and a death match. Hold on. Death match? The latter is available in two or more player mode and involves competitors driving a car around a choice of maze-like circuits trying to bump each other off, and it's top fun. The reason this mode has been included is that weapons are available in *XTreme Racing*, though you can disable this in the options menu if you like.

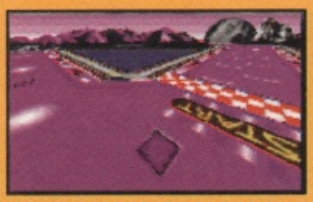
Certain points on each track are littered with question marks. When you run over a question mark it will yield a random icon of some sort. These include jumps and turbos and, more importantly, weapons. These are divided up into roughly three categories: passive, active, and booby traps. Passive weapons include forward and backward firing bombs, quad directional rockets and simple line of sight rockets. Active weapons include homing missiles, sheep (a woolly missile), delayed action mines and direction changers (which effect the steering of opponents). Booby traps include mines and laughing bananas which are designed to be dropped on the driving line so that other cars will run over them. It's no fun if you hit these yourself.

The object of all these bombtastic shenanigans is to enable you (or a computer/human opponent) to gain the advantage in a race. If there's one thing more satisfying than passing another car through sheer driving skill, it's blowing them up first and then passing them. This can also happen to you though, and if you set the race on one of the higher of three difficulty levels it happens with alarming frequency.

▲ The wacky beach level features shark patrols which send the car spinning like a top should you run into them. Unfortunately, avoiding a shark often lands your car in deep water, where it will sink from sight.

Sand and snot

There are twelve tracks divided up into six zones in *XTreme Racing*. The idea remains the same for all, but the difficulty levels and sort of obstacles encountered keep the game interesting.



▲ The Floating City levels are fraught with high flying hi-jinks and over-the-edge into the chasm of no return danger. We approve.

▲ The Castle levels feature no castles but lots of juvenile nose mucus (the green areas). Drive over the question marks and pick up weapons.

▲ The grasslands are indeed surrounded by lush green grass and also contain dangerous 'got that sinking feeling' lakes of doom.

▲ The relatively straightforward road circuits are ideal for practicing those driving lines and brakework artistry we all fancy ourselves at.

▲ The Toxic Refinery levels are among the most dangerous in the game. Sharp bends and awkward jumps are the order of the day.

▲ And so to the beach for some relaxation. In season mode this is dreadfully slow 'till you upgrade your car, but it's good fun when fast.

Wacky tracks

The twelve tracks are divided up into six different zones. The most conventional of these are the Road Circuits and the Grasslands tracks. The least conventional are the Floating City and Toxic Refinery ones which are all futuristic and moody. All feature jumps and obstacles, some of which are dangerous, some of which will merely slow you down. In the Castle tracks there are big gaps in the circuit which have to be jumped. To do so you need to hit the ramps placed in front of them at considerable speed and at the right angle. If you miss the ramp or hit it too slowly you'll end up sinking in a green sea, known childishly by Silltunna as "The Sea Of Snot". Similar scenarios exist on other levels. When you sink into water or snot, or fall over the edge of a road in the Floating City level, you don't lose a life – the computer will place your car past the obstacle you missed but you do lose time and probably several positions on the track.

Other obstacles designed to slow you down include trackside

▲ Driving through the water slows everyone down, but avoid the deep blue: the car will sink.

▲ In two-player death match mode you and a friend get to shoot at each other for fun and first place.

▲ My little prize for winning the race. More importantly, in season mode, you get £2000 for coming first, which will enable you to upgrade your car even more (see below).

spectators whom you can run over, exploding oil barrels and most bizarrely, in the seaside levels, sharks which make your car spin like a top if you hit them.

Speed!

Just how good *XTreme Racing* is depends on how fast your Amiga is. Anyone who's seen the demo from last month's magazine will know what I mean. *XTreme* has more menu options than a Chinese takeaway. These include routines for just about every possible upgrade of an AGA machine available.

You can, believe it or not, play *XTreme* on a standard A1200, with 2Mb RAM and no hard drive, but it's a bit like going into a Chinese takeaway and asking for plain boiled rice. The game will automatically opt for blittered screen routines and you'll see something not dissimilar to *Virtual Karting*, though ten times better in the playability stakes. You can then size the playing screen up or down to suit your speed tastes.

If you have a 1220 or 1230 accelerator and extra RAM you're into spring roll, sweet and sour pork, fried rice and banana fritter territory. It suddenly becomes a tasty and good looking game, with plenty of speed and the option of a slowish, but beautiful 1x1 pixel screenmode. However, if you're really speed hungry, elitist 040 and 060 owners have the equivalent of Mr. Wong's £40 Emperor's Dinner menu with all the trimmings. Full speed 1x1 pixel heaven we reckon.

Had I not played the hi-res versions I would have been able to put up with the blittered routines. Unlike *VK*, they did not make me sick. However, if you do not have a hard drive or at least a spare external disk drive don't even contemplate investing in *XTreme Racing*. I don't think I've ever sat doing as many disk swops as I did while testing it on an Amiga with none of the above. It goes beyond frustrating, believe me.

And so ...

I've given *XTreme* two score boxes because it's really almost two different games. As an accelerated game playing off hard drive it's wonderful; best fun we've had in ages. As a standard A1200 game (A4000 owners need not worry, it is fully compatible and great) you will need a minimum of one, preferably two external drives and it can be a bit tedious.

Yes there are other faults, the biggest of which is dodgy collision detection in too many places, making it difficult to accurately judge sharp corners, dodge gunk and pick up question marks, but I'm more than willing to forgive this because it's so much fun you can't bear any grudges.

The final test of any game is how long it delays real work in the office and *XTreme Racing* almost got us all fired. It's true to say that this job could be construed as being a bit cushy; I mean, playing games is all part of a day's work. But there comes a time when joysticks must be downed and keyboards put back on desks so that we can do what we're really paid for: writing. That time came and went in a flurry of red, blue and yellow cars and as deadlines drew close the threats got louder and playing the game for a bit more 'research' became unjustifiable. Finally the fateful "Forbidden Castle Level 2 that broke the camels back" came along and I had to write or die. Oh well, all good things must come to an end: and there's always next month! ■

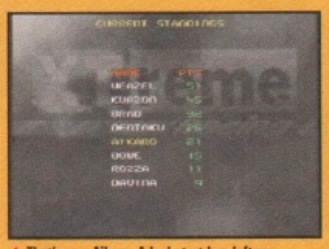
Alan Dykes

▲ The camera views are comprehensive. You can monitor other cars in this mode.

▲ These awkward smiling rocks jump up and down and can crush you or block your path.

A spot of season racing against the pros

In season mode you start off with a much slower car than normal. You can still have a multi-player game but you cannot select the tracks, this is automatic. Each track is now littered with gold and silver coins too and while trying to win, or get a decent position, you've got to collect as many of these as possible. In fact if you're losing badly it's best to give up the ghost and just collect coins. A combination of coins and prize money allows you to upgrade your car in the all important areas of Engine, Brakes, Tire grip etc and also allows you to buy turbos and extra points (enabling you to sneakily climb the ranks by the back door, so to speak). This mode is seriously competitive, though the automatically selected tracks are not always the best.



▲ That's me, Aikaro. A bad start has left me languishing in fifth place overall.

▲ The stars beside the prices indicate how much you've upgraded your car. Five stars is the maximum.

▲ On top of winning £2000 cash for coming first you can collect over £1000 in coins on the track.

XTREME RACING A1200

system requirements
A1200 2Mb RAM. Supplied on three disks. Hard disk recommended or external floppy essential to retain sanity.

A1200
graphics..... 78%
sound..... 84%
lastability..... 80%
playability..... 91%

OVERALL
Held back by graphics mode and disk loading.
80%

XTREME ACCELERATED

system requirements
A1200 with 020, 030, 040, 060 accelerator, extra RAM and a hard drive. A CD32 joypad would be nice.

A1200
graphics..... 91%
sound..... 84%
lastability..... 93%
playability..... 91%

A4000
OVERALL
The best fun we've had in ages.
91%

t in a flurry of
cars and as
e the threats
ng the game
rch' became
the fateful
evel 2 that
ck" came
rite or die. Oh
must come
's always

are comprehensive.
cars in this mode.

jump up and down
path.

A1200

plied on three
mended or exter-
retain sanity.

78%
84%
80%
91%

80%

RATED

040, 060
M and a hard
would be nice.

91%
84%
93%
91%

91%

No 57 & 58, Top Floor
Glasshouses Mill
Nr Pateley Bridge
Harrogate
North Yorkshire
HG3 5QH

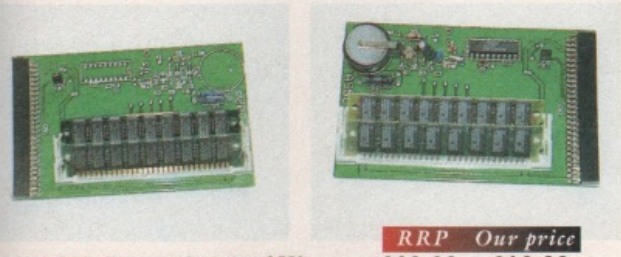
Marpet

Tel: +44 (0) 1423 712600 Fax: +44 (0) 1423 712601

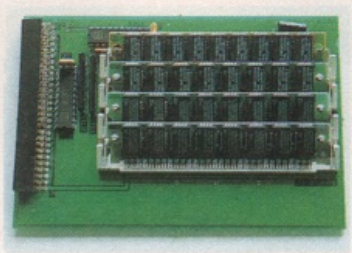
Leading manufacturers of RAM expansions to all major distributors and dealers, are offering a WINTER SALE!! of all their products, SLASHING up to 20% off recommended retail prices.

Why not purchase your requirements direct from the manufacturer?

We guarantee despatch within three days — Don't hang around. **ORDER NOW!!**

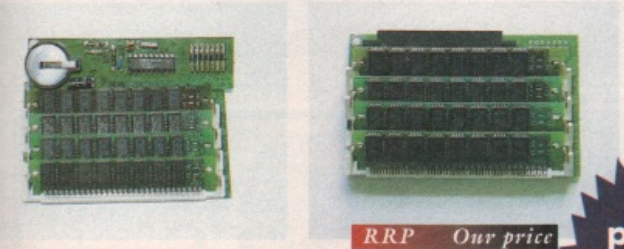


	RRP	Our price
A500 Expansion to 1Mb	**£19.99**	**£16.99**
Also available with clock	**£24.99**	**£20.99**



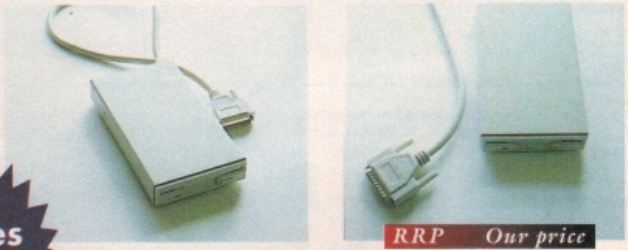
A500 Plus Expansion to 2Mb

RRP **£29.99**
Our price **£21.99**



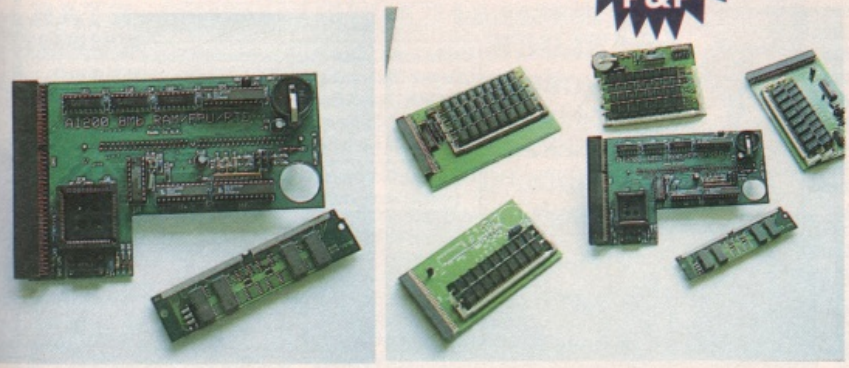
	RRP	Our price
A600 Expansion to 2Mb	**£29.99**	**£24.99**
Also available with clock	**£39.99**	**£32.99**

All prices include VAT and P&P



	RRP	Our price
External Drive (All Amigas)	**£59.99**	**£43.99**

A1200 Ram Accelerator



Uses 32bit, 72 way Simms
Built in real-time clock
Optional maths co-processor
Various configurations

	RRP	Our Price
0Mb	**£59.99**	**£49.99**
1Mb	**£99.99**	**£85.99**
2Mb	**£129.99**	**£110.99**
4Mb	**£189.99**	**£160.99**
8Mb	**£309.99**	**£267.99**
33MHz F.P.U. (and crystal)	**£49.99**	**£38.99**

Also S-port (connect CD32 to Amiga). With CD and networking software £21.99
A1200 internal real-time clock £10.99

Ring for best prices on 30 and 72 way SIMMS, hard drives, modems, mice etc and we will try to beat any genuine deal.

ACCESS/VISA welcome. 3 YEAR WARRANTY ON ALL OUR PRODUCTS!!!

01423 712600/fax 712601

Imagine This ...

effigy SOFTWARE

Pinball Prelude

Now Hard Disk Installable

£29.99

'Best pinball game on Amiga'. AMIGA FORMAT

'Fast balls, original clever design'. AMIGA POWER

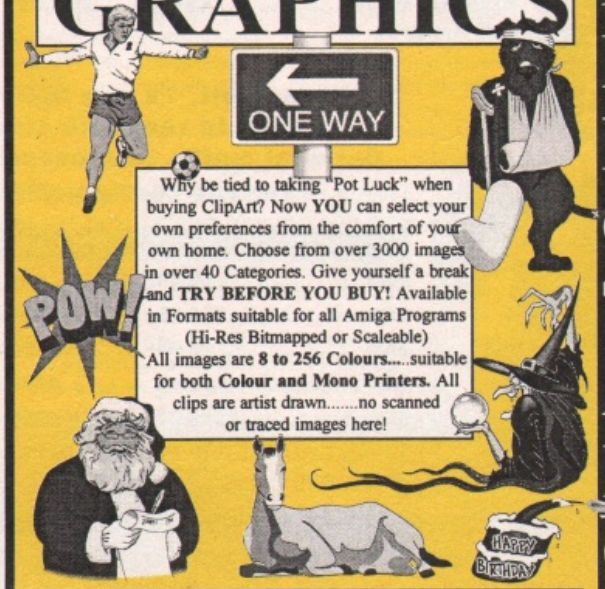
'A cracking pinball game'. CD32

Imagine No More.

Send Cheque/P.O for £29.99 and state AGA or Non-AGA to:

EFFIGY SOFTWARE
EFFIGY EMPORIUM
STATION YARD
STATION ROAD
RUSKINGTON
SLEAFORD
LINCOLNSHIRE
NG34 9DG

Pic`n`Mix GRAPHICS



Why be tied to taking "Pot Luck" when buying ClipArt? Now **YOU** can select your own preferences from the comfort of your own home. Choose from over 3000 images in over 40 Categories. Give yourself a break and **TRY BEFORE YOU BUY!** Available in Formats suitable for all Amiga Programs (Hi-Res Bitmapped or Scaleable)
All images are **8 to 256 Colours**.....suitable for both **Colour and Mono Printers.** All clips are artist drawn.....no scanned or traced images here!

INK JET REFILLS

REFILLS (Microfiltered Non-Clog Formula) all Colours from 87p per refill
COMPATIBLE CARTRIDGES As good as original...but cheaper! from £4.99

We have been supplying our Customers with Refill Inks for many years, and most of our sales are re-orders. We demonstrate the quality of our Inks by providing a **FULL COLOUR PRINTOUT** with every Information Pack. Who else does this?

SELECTAFONT

Pic`n`Mix FONTS

BEEHOUSE CHILLI
CHINESE HEADHUNTER STEEL
INDIANAJ KEYBOARD STAR
BLOCK WHARMBY
WOBBLE STARS
ZORRO CARPE
SWINGE POSTCY
Tiptopel CUBIST
Open Ho RANSOME
PEACE OREGONWET
SALTER Miami
ORIENTAL SHANGHAI SHRAPNEL
Medusa STENCIL STRETCH
TOYBLOCK WEDGIE WASHBOOK!
POWERLINER OLDE WORLDE WHAT A RELIEF

Unlike some of the cheap and cheerful Font CDs and Disks doing the rounds, **our Fonts WORK!** Select from over 4000 Fonts in both TRUE TYPE or POSTSCRIPT (ATM) and leave the rest up to us!

For Bulk Buyers we offer some very special deals with Fonts from **7p each**

We have been in business since 1991 and pioneered the Pic n Mix concept. Our service is unique with a **TECHNICAL HELPLINE** for all of our valued Customers

For your FREE 46 Page Information Pack, either Write, Phone, or Fax us.

SELECTAFONT (Dept CU)
84 Thorpe Road, Hawkwell, Nr Hockley, Essex. SS5 4JT

FAX: 01702 200062 VISA MasterCard PHONE: 01702 202835

Super Street Fighter II TURBO

■ Price: £29.99 ■ Publisher: Gametek ✆ 01753 445

Capcom's original Street Fighter is arguably the grandfather of all fighting games. We look at the latest addition to the ranks of fighting games on the Amiga.

Fighting games are here to stay. Even right-on parents who force feed their kids a diet of muesli and liberalism have a vested interest in them. Let me explain ...

No matter how 'nice' darling Tarquin seems to Mummy and Daddy, he is, like all children, no more pacifist than Saddam Hussein. All their efforts to remove the aggressive element from their offspring will come to nought as soon as the little horror starts playing with Johnny Tomkins from the bottom of the road. It'll take just ten minutes before a small dispute about who's turn it is to annoy the cat next door develops into World War 3.

Let them take their aggression out on a game is what I say, and, like it or not, that's what many kids do.

Whilst there may be several well-intentioned psychological reasons for playing fighting games (not least of all helping to keep the monsters from physical injury), the main reason for pulling on your gloves should be because, whatever you say about the morality, there's usually a marvellously competitive game to play. This, it may be argued, is what put the fighting genre into the forefront of one-on-one competitive games and with last year's release of the movies Street Fighter and Mortal Kombat, it's not difficult to see that their popularity remains strong.

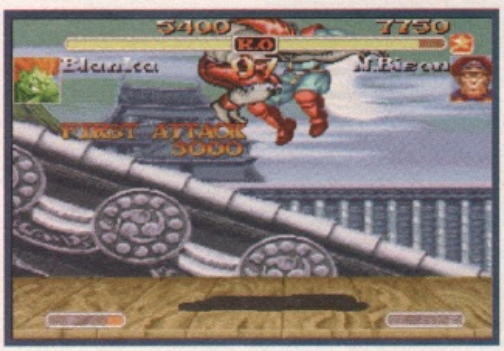
The original *Street Fighter* and *Street Fighter 2* began an incredible pedigree which unfortunately has fared badly on the Amiga, most recently at the hands of US Gold with *Super Street Fighter II*. But Gametek have now put in a bid to change this reputation and *Super Street Fighter II Turbo* appears, at first glance, to have all the right ingredients.

▲ Combination and reversal attacks help to clock up more points for the high score table.

New faces

SSFII Turbo, (the names are certainly getting longer!) has all of the familiar characters and more. There are 16 in total, each encompassing their own very unique style of fighting. Players will soon recognise their favourite character and stick with them through thick and thin as they identify their opponents weaknesses and go in brutally for the kill.

Balance is everything in fighting games and *SSFII* Turbo richly deserves the Tai Chi black belt for keeping a perfect equilibrium between such diverse characters. For example, Chun



▲ Bonus points are awarded to the player making the first connection.

▲ Cammy and Dee Jay are recent additions to the Street Fighting line-up.

▲ Superb background detail runs throughout the game in the sixteen different backgrounds.

Li's athleticism, speed and kicks are well effective, but her punches are as useful as an ash-tray on a motorbike, while Balrog has a top notch range of punches but cannot kick at all!

When fighting, each of the characters have the standard arcade machine's soft, medium and hard hits available, along with several special moves including throws, dances, fireballs and spectacular feats of bodily manipulation. The special moves always seem impossible to begin with but as you get used to a particular character, you'll find that the combinations of buttons and directions needed to execute their moves becomes old hat. But beware – part of the game's balance dictates that if you get hit when making an attack, the damage inflicted to you is commensurate with the force of your abortive attack.

We certainly found that the best way to control the characters was using CD32 joy pads. In fact, if you actually try the other way, using the optional joystick/keyboard control, you're bound to break your fingers/keyboard/pain threshold for your trouble.

Hard drive only

Supplied on 11 disks (that's just 14 short of the number in the human spine), the game can only be played from hard drive which involves a fair bit of back-breaking disk swopping before it finally settles into an 11Mb slot on your machine.

Why so huge? Well, this version boasts excellent graphics with big, colourful sprites and excellent backgrounds that, for the first time really show the game's full arcade pedigree. As any aspiring beauty will tell you, what you get out in looks is only a reflection of what you've put in beforehand, and without any doubt, the graphics in this game are in the supermodel league.

Jerky boys!

It's a pity that with this level of detail the game is jerky during combat, even on the highest of the three speeds available and at the lowest of the two user definable resolutions – even though the difference between each of these options seemed minimal on our standard A1200 setup.

So we decided to try to give the game a bit more zip by plugging in a Blizzard 1230 IV accelerator. It did make the whole game much smoother, almost console standard, but only up to the point where the graphics hung irrecoverably. This incompatibility with our accelerator is bound to have Blizzard owners everywhere throwing up their hands, slightly jerkily, in horror.

However, owners of other makes of board may find it worthwhile contacting the publishers to see if their accelerator will work, as the speed is almost perfect once you've given it some help.

Where's the in-fight music?

In play there are two options – tournament mode where a single player must knuckle their way through the all of the other opponents, and the two player game, which is really what any version of *Street Fighter* is all about. Here, however, the game fails to offer the player the handicapping options present in the CD32 version. Why this should be the case is not entirely clear but it does mean that a seasoned player will always be able to beat any casual player that happens by.

With no chance for me to iron out the jerky animation coupled with the lack of music during fights and the periodically poor collision detection, what we are left with is a fighting game with excellent graphics that fails to give the fluidity of feel present in *Mortal Kombat 3* and *Shadow Fighters*. In this light it may be less than perfect but for fans of the original coin-op it still represents as accurate a conversion of the arcade game as we are ever likely to get on Amiga.

With acceleration and two CD32 joypads it's a fine game indeed, but remember, you also need a hard drive. And I'm afraid that this combination (which is necessary, believe me) will limit sales of the game.■

Garth Sumpter

▲ Fighting twin Dhalsims is especially difficult when they elect to wear matching clothes.

▲ Vega is deadly with his long, razor-sharp claws but Fei Long is not without his own special moves including throws.

▲ Blanka's electric attack certainly looks spectacular but lacks atmosphere without a shocking sound effect.

Fighting Machines

Anyone who hasn't heard of the *Street Fighter* phenomenon couldn't have been listening very well over the last few years. Capcom's *Street Fighter* saga gave SEGA Enterprises some of the biggest selling arcade machines of all time. In the golden years of late 1987 the first *Street Fighter* machine was delivered into the high street in Britain. However the first version didn't really set the arcades ablaze. It came complete with punching pads and received a lukewarm reception. Six months later, after revising the code, removing the punch pads and adding joysticks and buttons the *Street Fighter II* game that we all know today was born. And along with it came the birth of the first world-wide recognised console fighting game. It was obvious that the arcade game would have to be ported to computers but the technology took a while to decant onto SEGA's Megadrive. Once released in 1991 though, it certainly took the world of console games by storm.

SSFII TURBO

- workbench version.....3.0+
- number of disks 11
- RAM.....2Mb+
- hard drive definitely required

A1200

graphics	93%
sound	69%
lastability	88%
playability	82%

OVERALL

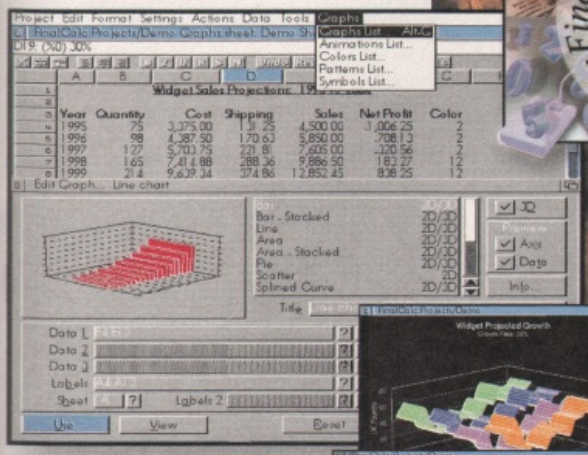
An honest attempt that nearly succeeds.

83%

ON THE BEST COUNTING

Final Calc

A new branch on the SoftWood Family Tree



New Final Calc™ is the spreadsheet Amiga owners have been waiting for. Over 4 years in development, Final Calc has all the power you will ever need... and then some!

With its friendly interface and on-line help for beginner and expert alike, Final Calc allows easy access to the most extensive list of features ever - including...

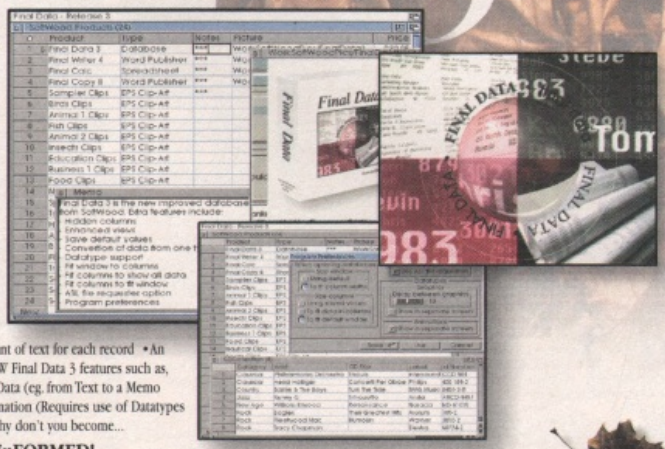
- Comprehensive Cell Type definition
- Unlimited Undo & Redo
- Outline Font Output
- Background Recalc
- 178 Maths Functions with comparison/logical operators
- Direct support for PostScript™ & Preference Printers
- Print Spooler, Scaling, Auto-fit, Page Preview and Portrait/Landscape printing options
- 2D/3D Graphs with animation
- Read and Write Lotus 1-2-3 .Wk1 files

COUNTING ON THE BEST!

PERFECTLY *in*FORMED

Final Data 3

A Cultivated Approach to Data Management



Now in its third release, Final Data 3™ retains its ease of use and unique method of simple data definition and entry - but, now includes more advanced features!

Even first time users can produce their own personal information files immediately! As you progress, you can take even more advantage of...

- Running Calculations
- Multiple Line Memos - enter an unlimited amount of text for each record
- An extensive Query Requester and... NEW Final Data 3 features such as,
- Hidden Columns
- Redefinition of Data (eg. from Text to a Memo column)
- Graphics, Sound and Animation (Requires use of Datatypes found in Workbench 3.0 or above). Why don't you become...

PERFECTLY *in*FORMED!

New... Final Writer 4 Lite for Amiga systems with limited memory and no hard disk drive!

Who else but the World's leading Amiga office and home productivity software developer could offer you such a wide range of award winning programs?

A range acclaimed as the best for your computer with individual programs having received Amiga Format Gold, Amiga Computing Gold & Blue Chip Awards, CU Amiga Top Rated and many others worldwide.

Final Writer 4™ *Lite*

Word Processor/Publisher

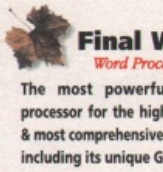
Now Final Writer is an ideal companion for Amiga users with single or twin floppy drives and a lower memory size too!

- **Final Writer 4 Lite™** - now enables more Amiga owners to take advantage of most of Final Writer 4's features. All you need is an Amiga with a minimum of 2Mb of free RAM and Workbench 2. Of course, should you upgrade your Amiga, you'll be able to upgrade your software too.
- **Final Copy II™** - registered owners can take advantage of a special upgrade offer - call for details and prices.

**Amiga floppy drive systems running Workbench 2.04 or later with a minimum of 2Mb of free RAM - More recommended.*

£39.95

Final Writer 4 Lite packaging is shown for illustration purposes only.



Final Writer 4™

Word Processor/Publisher

The most powerful Amiga word processor for the highest performance & most comprehensive range of features including its unique Grammar Checker!

- **TextBlocks™** - to position text at any size and angle
- **FastDraw Plus™** - versatile selection of graphics tools
- **TouchTools™ & PowerUser Bars™** - One touch commands
- **PerfectPrint™** - You just can't print better on your Amiga
- French, German and Norwegian dictionary options
- Output PostScript™ fonts & clip-art to all graphic printers Supplied with 100 images and 120 outline fonts FREE!

**Amigas running Workbench 2.04 or later with a hard drive and a minimum of 2.5Mb of free RAM - More recommended.*

£74.95

Final Calc™

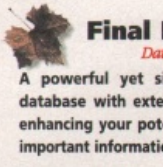
Spreadsheet

The answer to every spreadsheet users' dreams! With its flexible modes of operation, it's ideal for beginners and experts alike.

- Layered sheets for multiple linked spreadsheet operation
- Advanced printing and font handling with auto-fit to page(s) and complete document scaling
- Vast choice of graph styles including 3D and animated to show calculation results actually as they progress
- Unlimited number of Undo and Redo events with listing
- Lotus 1-2-3 .WK1 compatible & full text file import/export

£99.95

**Amigas running Workbench 2.04 or later with a hard drive and a minimum of 2.5Mb of RAM - More recommended*



Final Data 3™

Database

A powerful yet simple to use database with extensive features enhancing your potential to store important information EASILY.

- Easy definition of columns for categories of information such as name, house number, street, town, county, postal code, phone number etc. - no unfamiliar commands!
- Built-in routines for rapid label printing
- Print/mail merge with word processors
- 'Memo' feature, acting like a 'Post-It' note, to enter large amounts of text within any record

£39.95

**Amigas with floppy or hard drives running Workbench 1.3 or later and a minimum of 512K of free RAM (HDs - 1Mb)*

All prices include VAT @ 17.5% but exclude the cost of your preferred delivery method when ordering by mail.

If you would like to place an order or require full specifications for Final Writer 4, Final Writer 4 Lite, Final Calc or Final Data 3 - Call us on...

01 773 521606

SoftWood ...Naturally Better

SoftWood Products Europe Limited, (Department **CUA**), *New Street, Alfreton, Derbyshire. DE55 7BP* *FAX: 01 773 831040*

SoftWood Inc. United States +1 602 431 0949
Emerald/Quasar Australia +61 3585 2055
Oberland Germany +49 6173 65001
C.I.S. France +33 57 89 11 40
ProComp Sweden +46 4727 0845

**Minimum system requirements: Our products are the most economical in their use of system resources. Like others, we quote the minimum required to load our software, but please note that as with all programs, more memory/latest Workbench may be required to access all graphical features fully. If in doubt, please ask.*

FLEXIDUMP 3

A large range of printer ribbons & reloads always in stock

NO MORE BANDING
NO MORE WHITE LINES
COLOUR GRAPHICS LIKE YOUVE NEVER SEEN BEFORE

Yes its true the new flexi 3 will remove banding & white lines from dot matrix & bubblejet printers
Now you can have laser quality on dot matrix printers.

Other new features include:-

*Balance control for picture enhancement *
Select area to be printed*Select size to be printed *
Page Control*Colour Seive * InkCorrection *
Automatic poster mode for larger than A4 *
Gamma correction * Spooler for colour letter heads etc * Colour separation * Now with Anti-Aliasing to get rid of jagged edges *
Large range of dithering (dot pattern) *
Variable levels of shingling to totally remove banding /white lines.* Colour catalogue function will print a minature of each picture. Configarable between 1 to 8 accross. * Star, Citizen, Panasonic, NEC, Epson, Cannon, Hewlett Packard and just about any dot matrix or inkjet bubblejet/Laserjet printer.

ONLY ~~£39.95~~ CARE SPECIAL £29.95
UPGRADE FLEXIDUMP TO FLEXIDUMP 3, ONLY £14.95 INC. RETURN MASTER DISK

COLOUR PRINTER RIBBONS

Just take the top off, take out the old ribbon and reload it with a new one. Full instructions supplied.

	Complete Ribbon	One Reload	Five Reloads
Citizen Swift/ABC/224	£11.95	£6.99	£29.95
Panasonic KXP2123/2124/2180	£9.99	£6.99	£29.95
Panasonic KXP2135	£9.99	£6.99	£29.95
Star LC200 9 Pin	£9.63	£5.99	£23.95
Star LC24-10/20/200	£9.63	£6.99	£29.95
Seikosha SL95	£14.95	£6.99	£29.95
Star LC24-30/LC240	£8.99	£4.95	£19.99

INKJET REFILLS

For HP DESKJET 500,510,520,550,500C,500C,550C,560C
EPSON STYLUS 800,1000, CANNON BUBBLEJET, BC-01, BJ105/EX/SX, BC02,BJ200,BJ130,BJ300,BJ330
OLIVETTI JP150,250,330,CITIZEN PROJECT
6 Refill Kit 120ml pure black £16.99
CANNON BJC 600, BJC4000
20 Refill Kit 120ml pure black £16.99
EPSON STYLUS four refils 120ml pure black £16.99
TRICOLOUR REFILL KITS FOR: HP DESKJET RANGE, CANON BJC600, BJC4000 etc 10 Refills of Yellow, Magenta & Cyan 180ml.....£24.99
EPSON STYLUS TRICOLOUR refill, 4 refills of Yellow, Magenta & Cyan 180ml £24.99
Print Head Recovery Fluid for unblocking nozzles £5.95

Important: **Please state type when ordering.**

SPECIAL RE-INK

For Panasonic 1080/81, 1124, 1180, 2123, 2135, Star LC200 9 Pin, Epson LQ100, Oki 182/390. Black bottle will re-ink 100+ ribbons £9.95

BLACK PRINTER RIBBONS

Just take the top off, take out the old ribbon and reload it with a new one.
Citizen Swift/ABC/120D 5 black reloads £9.99
Star LC10/20/100 5 black reloads £4.99
Star LC24 Range 5 black reloads £9.99
Seikosha 1900/2400/SL95/96 5 black reloads £9.99
Epson FX80/LQ800 Range 5 black reloads £11.99
Star LC24-30/LC240 5 black reloads £14.99

T-SHIRT PRINTING RIBBONS

PRINT ON NORMAL PAPER IRON ON T-SHIRT

4 Colour Citizen Swift/ABC/240 ..... £19.99
4 Colour Citizen Swift (Reload) £9.99
4 Colour Star LC10 ..... £10.99
4 Colour Star LC200 9 Pin £12.99
4 Colour Star LC200 9 Pin (Reload) £7.99
4 Colour Star LC200 24 Pin £19.99
4 Colour Star 24 Pin (Reload) £9.99
1 Colour Star LC10 ..... £9.99
1 Colour Star LC200 9 Pin £9.99
1 Colour all Star 24 Pin £9.99
1 Colour Epson FX80/LQ400/MX80 ..... £9.99
1 Colour Epson LX80 ..... £9.99
1 Colour Panasonic KXP 1080 ..... £9.99
Wide range of other ribbons available.

How to order: Enclose cheques/PO made payable to: CARE ELECTRONICS or use Access/Visa

CARE ELECTRONICS

Dept CUA, 15 Holland Gardens, Garston, Watford, Herts WD2 6JN Fax 0923 672102

ORDER LINE ON 01923 894 064

ALL PRICES INCLUDE VAT AND CARRIAGE

COLOUR KITS for MONO PRINTERS

Ever wished you'd bought a colour printer instead of a mono one? Wouldn't it be nice to print out pictures in colour? Now you can with Amiga "Flexicolor Kit". Each Amiga Flexicolor Kit comes complete with everything you need to print in colour, including superb software. The colour kit is simple to use, the ribbons fit exactly the same way as your black ribbons so it will not affect your guarantee. Also on all models listed below paper alignment is automatic, you do not have to manually align. PRINTS AS GOOD AS COLOUR PRINTER. If your printer is not listed below please phone. Amiga Flexicolor kits for Star LC10, LC20, all Star 24 Pin Panasonic 1080/81/1123/1124. Epson FX80, LQ800 etc. Citizen 120D+, NEC P6, P6+. Please note colour kits come complete with coloured ribbons.(Anti Banding now included in software) **COMPLETE KIT £39.95**

United Public Domain Distributors

Save £2.50 with this voucher — On PD purchases over £10

For example: 10 x PD inc postage, normal price: £10.50. With voucher price Only £8.00 inc. Discount must be claimed with your order! Please cut out and include, or send a copy, or even a drawing we don't mind. Phoning in your order? No problem simply claim the discount when ordering.

HARD DRIVE UTILITIES

PU 686 **HD GAMES INSTALLER** Installs : Aladdin AGA, Alienbreed 2 AGA, Jungle Strike, MK2, and more
PU 772 **HD GAMES INSTALLER 3** Inc: Steel Sky Flashback, Sensi Soccer, Skidmarks 2, and more.
PU 898 **HD GAMES INSTALLER 4** Arcade Pool Assassin, Dizzy, KO3 (AGA) Zool (AGA) and more
PU 917 **LEMMINGS to HD, SETTLERS EDITOR**
PU 064 **HARD DRIVE UTILITIES** Backup,fix, etc
PU 548 **REORG V3.11** Disk organiser/optimizer
PU 574 **DISK SALVAGE v211.3** Recover old files
PU 576 **HD CLICK v2.7** Menu system for HD
PU 721 **EPU STACKER v1.70** Increase HD storage
PU 668 **SECURITY v3.71** Protect your HD
PU 425 **MAGIC WORKBENCH** Attractive WB
PU 536 **M/W EXTRAS** PU 704 **M/W EXPANSION**
PU 824 **R. McVEY ICONS** Fab 16 col icons for above
PU 835/56 **MAGIC WORKBENCH EXTRAS Vols 1-12** Lots of fab Icons, etc for Magic Workbench! (24 disks!)
PU 859 **MAGIC SELECTOR** Random set-up MWB
PU 890 **MR BACKUP PROFESSIONAL V2.1**
PU 828 **MAGIC USER INTERFACE v2.3 (MUI)**
PU 871 **ASSIGN MANAGERS**Help with those assigns
PU 901/2 **MAGIC TREK** (2) Lots of Startrek backdrops
PU 933 **DATATYPES** Loads of datatypes

GENERAL UTILITIES

PU 172 **WORDPOWER** Solves anagrams crosswords etc
PU 204 **GATORS TUTORIAL** Super D' Paint hints and tips
PU 207 **SID2 + MULTIDOS** Transfer files; Amiga and PC
PU 230 **PRINTER DRIVERS** Inc Seikosha, Star, & Citizen
PU 293-317 **HAM RADIO SET** **25 disks for only £15.00**
PU 367 **ESSENTIAL PRINTING UTILS** Banners, labels, etc
PU 697 **TUDE** **The ultimate degrader and enhancer disk**
PU 683 **CAPTIONATOR v2.0** TV titler. New fx, fonts, etc
PU 659 **SCION v3.13** Geneology program
PU 728 **ICONTOOLBOX v2.12** Icon creation utility disk
PU 761 **MAGIC WORKBENCH 1.3** Now for 1.3 (HD)
PU 762 **PC TASK v3.10** Latest version of this PC emulator
PU 769/71 **MAGIC EYE** (3) Make your own magic stereograms
PU 776/7 **INTERNET ARCHIVE** (2) Programs for Internet
PU 778 **INTERNET UTILS 2** More useful programs
PU 799/801 **TERM V4.3** (3) Comms program
PU 821 **GENTREE v1.5** A new genealogy program
PU 822/3 **GRAPHICS CONVERTORS** (2) Many are archived
PU 828 **MAGIC USER INTERFACE v2.3 (MUI)**
PU 860 **PROTITLER V2** Useful video titler program
PU 874 **BLITZBLANKER V2.5** Very nice screenblanker
PU 897 **MAGNIFICAD** CAD package
PU 924 **MORSE CODE TUTOR v1.2** Learn morse code
PU 927 **EFF INTERNET GUIDE** Beginners guide to the net

BUSINESS

PB 019 **BUSINESS LETTERS** Examples of tricky letters.
PB 020 **TEXT ENGINE 4.1** Possibly the best 'PD' Wordpro.
PB 023 **FORMS UNLIMITED** Nice program to create Forms
PB 030 **THE MONEY PROGRAM** Attrctive budget prog
PB 038 **BUDDBASE** Good database. Great docs for beginner
PB 046 **PERSONAL DIARY** Simple electronic diary
PB 054 **ACCOUNT MASTER** Intergrated home finance pack
PB 074 **REMDATE v2** Address & phone, Calendar, etc
PB 075 **INVOICER V2.1** Creates invoice from datadase
PB 078 **TEXTPLUS v5** Archived for the Hard drive
PB 079 **PHONE LOCATOR** Find the area of any phone
PB 088 **EASYCALC v2b** Good spreadsheet. Latest version

EDUCATION

PE 007/8 **LEARN & PLAY**(2)Word/number games for ages 5-10
PE 027 **AMIGA BEGINNER** Help and info on the Amiga
PE 035 **KIDS DISK 1** Alphabet & Colours, for pre-school
PE 053 **HIGHWAY CODE** Helps you to pass your test
PE 054 **ARTISTIX** Super art package for kids
PE 058 **WORD FACTORY** Brilliant spelling program
PE 077 **GCSE MATHS** Several lessons and questions
PE 109 **SPELLTRIS (n1.3)** Educational Tetris Game
PE 110/1 **TREK GUIDE** Loads of StarTrek info in Hyperbook
PE 135 **BEGINNERS GUIDE TO WORKBENCH 3** Tutor
PE 136 **DPAINT GUIDE** Deluxe Paint 4 hints and tips
PE 142 **KIDS DISK 7** Puzzles for the young on holiday theme
PE 155 **BEGINNERS TYPING DISK** Typing exersices
PE 157 **NIGHT SKY** Brill map of the sky. Names the stars!

GAMES

PG 124 **TOTAL WAR** A good game of RISK on the Amiga
PG 255 **KINGDOM AT WAR** Battle with knights to rule land
PG 260/1 **18th HOLE GOLF** Nice graphics, good golf game
PG 314/5 **MR MEN OLYMPICS**(2) Frantic joystick waggler
PG 319 **PROFESSIONAL BINGO** Prints cards, calls numbers
PG 325 **MEGABALL 3 AGA** Best PD Breakout.
PG 345 **SICKBALL II** Its the freakiest ping pong game ever!
PG 326 **DART'S GAME** Nice darts game written with Amos
PG 333 **ICERUNNER** (Disable CPU A1200)Like LoadRunner.
PG 334 **GORF** Invaders & Galaxians. Copy of the arcade
PG 344 **EXCELLENT CARDS** Includes 4 patience games
PG 383 **ZOMBIE APPOCALYPSE 2 (AGA)**Brilliant & gorey
PG 399 **BACMAN AGA** Very Good AGA Pacman
PG 401/2 **STARWOIDS**(2)Wow! Skilful moonlander/gravity game
PG 404/5 **WRESTLING** (2) Brill sound fx and action packed
PG 464 **DANGER MOUSE** A DM 'Hunchback' game
PG 467/8 **CYBERTECH AGA** Very impressive like Alien Breed
PG 486 **DYNAMITE WARRIORS 2** Very good Dynablasters
PG 489 **SUPERMEGA FRUITS** A brill fruit machine
PG 506 **XENEX** Its like Asteroids but a little special
PG 508 **ULTIMATE QUIZ** Quiz. More questions available
PG 514 **DELUXE GALAGA v2.4** Brilliant SEU. classic game
PG 530/1 **CHANEQUES** Super Lemmings clone. GET IT, (2)
PG 533 **INDYCAR CHALLENGE**(n1.3) Racing management
PG 534 **ASI XMAS SPECIAL** 2 excellent platformers
PG 565 **APPLEJACK** Its Mr Do, almost exact copy. Excellent
PG 576 **POKERMANIA** Superb poker machine with extras
PG 596 **JET SET WILLY 3 (AGA)** Super typical Spectrum
PG 600/1 **SKIDMARKS CARS (aga)** 4 New skiddy cars
PG 619 **RASH PANIC** Just like the old arcade Space Panic
PG 620 **DERRING DO** Best Mr Do clone so far
PG 624/7 **CHILD MURDERER** (AGA)4(Text+graphic adventure
PG 648 **EXELLENT CARD GAMES III (AGA)** Great
PG 650 **DELUXE PACMAN (AGA)** Excellent Pacman!
PG 682 **FRIDAY NIGHT POOL** A great pool simulator
PG 683/4 **DATASTORM (2)** Nice graphical adventure game
PG 689 **MORTAL KUMQUAT 3**(n1.3) Great Beat em up
PG 690 **MANGLED FENDERS** Stock car racing
PG 691 **MASTERBLASTER 2** Best DynaBlasters?
PG 700 **DELUXE GALAGAv2.6** (n1.3)Super classic shoot up

MUSIC UTILITIES

PT 093 **OCTOMED TUTOR** A simple to follow tutor
PT 174 **OCTAMED V4** Music package. Latest PD version
PT 178 **OCTAMED 6 DEMO** Latest version. Demo
PT 229/30 **XMAS MODULES** Lots of Christmas tunes

LOTTERY PROGRAMS

PU 756 **BALLS (AGA)** Most & least popular. Keeps track too
PU 757 **NATIONAL LOTTERY (Liberty Software)**
Shareware, scientific picker, powerful user editing system
PU 758 **PRO LOTTERY** (Shareware) Pick random numbers, Also includes interesting 'random' vs 'average' info
PU 775 **LOTTO LUNACY** Best pure PD lottery available?
PU 899 **SUPER LOTTERY** Yet another good lottery predictor
PU 935 **LOTTERY PRO** And another. Look good too

FONTS FOR WORDWORTH

Compugraphic font disks which can be used with Wordworth, Professional Page, and Page Setter. There are an average of 16 fonts per disk, and 33 disks in all. Available separately at normal PD price or why not get the full set for just... **£24.99**

HORIZON SOFTWARE

TOUCH TYPING TUTOR Best tutor around £3.50
A-CHORD Guitar chord tutor £3.50
FAST FRET Speed your fingers. Various scales £3.50
DRAGON TILES Brill Shanghai/Majong game £3.50
WINNING POST Horse racing inc commentry! £3.50
LETS LEARN 2 Educational games pack £3.50

UPD COLLECTION ON CD

Back in stock, complete UPD library on 4 CDs. All disks stored in DMS format. A complete library for only £25.99

ASI GAME COMPILATIONS

The best selection of PD games ever. A list of the very best. PLEASE NOTE: The odd game will not work on certain Amigas

ASI 14 **China Challenge, Columns**
ASI 27 **Assorted card games**
ASI 36 **Wonderland, Donkey Kong**
ASI 46 **Checkers, Ouch!, City, Amiga Q**
ASI 60 **PipeMaster, Hunter, Chinese Checkers**
ASI 65 **Paranoids, Chess, Word Puzzles**
ASI 70 **Wangle & the best Tetris**
ASI 71 **Numerix, Battleships**
ASI 89 **Megaball 2.1, Cluedo**
ASI 96 **Dungeon Flipper, Backgammon**
ASI 158 **Scrabble, Toad, VChess2**
ASI 168 **Dyna-Warriors, Ludo**
SPECIAL OFFER..... Any 6 of the above...£5.00 / All 12 of the above...£8.00

ORDERING DETAILS

Send your order plus your name, address, (BLOCK CAPITALS PLEASE!) and a cheque or P/O to either of the PD libraries in this advert. Cheques should be made out to that company. For super fast results you may phone in your order with your ACCESS or VISA card number. Delivery should be NEXT DAY

PD PRICES All PD now only £1.00 (minimum order £2.00 inc postage)

POSTAGE Please add 50p to the total price, to cover postage and packing (UK only)

OVERSEAS ORDERS WELCOME

EU: Add 25p per disk post. World: 50p per disk.

LAST MINUTE BARGAIN

A500 or A600 (State which) dust covers only 99p

CATALOGUE

Our PD collection is now HUGE!! For a full catalogue just send 3 x 25p stamps. Includes a full list of Education, Demos, Utilities, Music Utilities, Business, Animations, Demos, Games, Assassins Games Compilations, Music, Fonts, Business, Clipart, Education, & more!

NEW OWNERS PACK Only £5.00 inc

Compiled for the new Amiga owner or anyone wanting to discover the wonderful world of Amiga PD Pack contains: Word processor, Database, Virus Killers, Disk Copier, Selection of great games, A stunning demo Plus our latest catalogue (8 Disks)(Please state Amiga model)

NBS PD
132 GUNVILLE ROAD
NEWPORT, IoW
PO30 5LH
TEL 01 983 529 594
FAX 01 983 821 599

BLITTERCHIPS PD
CLIFFE HOUSE, PRIMROSE ST.
KEIGHLEY
BD21 4NN
TEL 01 535 667 469
FAX 01 535 667 469

Gloom Deluxe

■ Price: £29.99 ■ Publisher: Black Magic ✆ 01302 890 000

AMIGA SUPERSTAR

Gloom is still a rockin' game, but to make the homicidal punters even happier Mark Sibly has gone and updated the graphics.

▲ Take a blast of this if you dare.

I've always been wary of things that say 'deluxe' or 'lux' or any other form of word denoting luxury as a marketing term. When I was a lad, washing with Lux soap meant going to school smelling like a girl. I used to spend all my pocket money buying spring onion crisps just to try and smell normal (for a kid anyway) and this has scarred me for life. And what about cars? L is supposed to stand for luxury and what a piece of old junk you get when you buy an Escort L. Although the letter L is intended to convey a positive impression, on cars it invariably denotes 'bottom of the range, cheap ... most likely to rust', while DL or Deluxe means you get a crappy radio and side stripes thrown in for an extra £500.

Side stripes

So I wasn't that impressed with the name *Gloom Deluxe* and I was right: it's just *Gloom* with side stripes. These side stripes are pretty impressive mind you, they allow anyone with an 020 processor or better and 2Mb of RAM to run the game. Which means if you have an ECS machine with an accelerator you're in business. That said, it worked perfectly well on our office A3000 but refused to load on our upgraded A600 (using the Apollo 620 board with 4Mb RAM). Further support is provided for those with graphics boards in big box Amigas. You can open it up in a resizable window on your Workbench and have no end of multi-tasking fun and games. The graphics modes run in 4x4, 2x2 or 1x1 pixel modes or various combinations like 2x1 etc and this allows you to tailor the game's speed to your machine. If you have an AGA Amiga you will only buy this version of *Gloom* for its 1x1 pixel resolution and to entertain any idea of running it in this mode you'll need an accelerator. Smooth isn't the word if you've got heaps of RAM and a 33MHz 030 or better, though to get fast and playable full screen action in 1x1 pixel mode you'll need a 50MHz 030 or 040. 2x2 was the standard for the original version and the game is more than reasonable in this, so if you've got a fast ECS machine this is the mode to go for. 4x4 pixel mode must have been included by Sibly as some sort of joke. Pixels the size of lollipops are hardly conducive to playing an all singing and dancing action game.

▲ I see green is in this year for high-res, argumentative marines.

Any changes?

But, er, that's it from a practical point of view. Gameplay seems more involving but, more importantly, the game map itself doesn't appear to have changed at all. It's still one of the fastest and most competitive shoot 'em ups on Amiga but I would seriously baulk at recommending that anyone upgrade to this version.

If you are a new purchaser, interested in buying *Gloom* for the first time then get *Gloom Deluxe* as opposed to *Gloom*: if you have the machine spec to run it, the 1x1 pixel mode makes it well worth while. But even if you've got a screaming fast AGA Amiga and you've already completed or nearly completed *Gloom* it's definitely not worth the upgrade.

As for non-AGA machines the jury is out. It wouldn't work on my A620, but it was gorgeous on Mat's A3000 with its box bursting wagonload of RAM and its GVP Spectrum graphics card. If you have the latter specification then it would make a fine investment, but on smaller machines we haven't been able to test it and I suspect 4x4 pixel mode would have to be used on some. As a new game in highest resolution it's worth over 90%, in 4x4 pixel mode it's worth about 60%. As an upgrade it falls short of what I hoped. Mark Sibly, please, .deliver *Gloom 2* soon and make it *Gloom Deluxe* with new baddies and a new map! ■

Alan Dykes

▲ Here we are at the top end resolution with nice sharp colours and well defined objects. Yum.

▲ Move a bit down on the resolution scale and things become less defined. This is 2x2. Still good.

▲ Whoaa it's low resolution time, and it's all going a bit pear shaped. This pic makes it look good!

GLOOM DELUXE

A500, A500+, A600, A1200, A1500, A2000, A3000, A4000

- workbench version.....1.3+
- number of disks 2
- RAM.....2Mb
- hard disk installable .....yes

graphics	94%
sound	81%
lastability	92%
playability	90%

OVERALL
Tarted up version of a great game.

90%

Data disk

Super Skidmarks

▲ One of the new tracks in high res.

■ Price: £14.99 ■ Publisher: Acid Software ✆ 01302 890 000

Already a racing classic, can this upgrade face the acid test?

Anyone who's already lined up on the grid in *Super Skidmarks 2* will know that the game is unashamedly excellent, and has already won its place on the Grand Prix podium of all time racing classics. Those of you who are die hard racing fans and spend most of the time in flame-retardant underwear, may even remember that *SS2* was released last May as an upgraded version of the original Blitz Basic offering. It would seem that Skidmarks has now been upgraded more times than Pamela Anderson's big top – so after so much cosmetic surgery, can anyone still see the original point?

Rest assured, my metaphor remains accurate: even after a lot of cutting and tucking Skidmarks is still beautiful to look at. But poke me in the eye with Tommy Lee if I can notice any real cosmetic improvements in this update. According to Guildhall 'it loads better and plays better' but, having had CU Amiga Magazine's original copy mysteriously disappear (give it back Rick, Alan will forgive you), I wasn't really in a position to test this.

Practice lap

For anyone out there without a clue about what *Super Skidmarks 2* is all about, let me explain. There are eight types of vehicle to race with, from the Humble Mini through Porches, big wheeled off road type trucks up to an F1 car and even a supercharged cow!

▲ The Bikini Rally in all its glory ...

▲ There are three new championships; Bikini, Tuff Going Rally and the Frozen Jelly which is a little slippery.

These machines each have their own unique handling characteristics which can even be further tailored to suit almost everyone's style of racing. Furthermore, you can also race up to four human players against each other at a time – twice this amount if you have a serial cable and a mate with another Amiga.

So just what so you get for your fifteen notes? Well, there's 12 new tracks, three new championship modes and an uprated program that improves the serial support and the loading routines. Acid have also written a new converter to replace the old one, thus giving better support to Imagine users who want to draw, import and use their own cars, cattle or cantaloupes for racing. But wasn't this already available with *Super Skidmarks 2*? Acid do seem to be gilding the lily as the only really new item has to be the 12 tracks. These do vary from rather simple ovals through the whole gamut of banked curves, crossovers, jumps and even icy tracks which will certainly give the already converted something new to aim for.

▼ And here are the 12 new tracks that you're paying for along with three new championships.

Home straight

Is all this worth it? Well you'll ultimately have to decide but I think that for the cash Acid should really have included a simple to use track editor this time around. After all, the data disk doesn't really add that much for your hard earned cash and as you must already have the game in order to use the data disks, this doesn't really seem a just reward for loyal customers. It's a shame too, because with the inclusion of a track editor the floodgates could have been really opened up for players to race against their friends with renewed vigour on their very own tracks.

Of course if you're a wiz with Imagine then you'll do OK, but what about regular folks like me who don't know their art from their elbow?

Ultimately though you do get another dozen layouts for what is still a classic racing game. And you'd never know, Mark Sibly may be encouraged to produce another version. ■

Forrest Sump(ter)

SUPER SKIDMARKS-DATA DISK

- workbench version.....1.3+
- number of disks 3
- RAM .....1Mb+
- hard disk installable .....yes

A600 A1200 A1500 A2000 A3000 A4000

graphics	87%
sound	84%
lastability	84%
playability	92%

OVERALL
12 tracks for £15. Good fun, not good value

84%

17 BIT SOFTWARE

1st Floor Offices, 2/8 Market Street
Wakefield, West Yorkshire. WF1 1DH
- TEL: 01924 366982 FAX: 01924 200943
- EMAIL: sales@bit17.demon.co.uk
- WWW: http://www.demon.co.uk/bit17

Office Hours Mon - Sat 9:00 To 5:30
Answerphone At All Other Times

POSTAGE RATES

[UK] Disk Orders 50p CD's 75p Each.
[EU] Disk Orders 10% CD's £1.00 Ea.
[OE] Disk Orders 20% CD's £1.50 Ea.

MAX POSTAGE PAYABLE

[UK] Disk Orders 50p CD's £1.50
[EU] Disk Orders 10% CD's £4.00
[OE] Disk Orders 20% CD's £6.00

ALL ORDERS SENT 1ST CLASS POST / AIRMAIL

ALL OUR AMIGA PD DISKS ARE ONLY
£1.00
EACH

WE WILL
PRICE MATCH
ANY STOCK CD FOUND CHEAPER ELSEWHERE

17 Bit 5th Dimension

£19.99

Contains our most recent PD from disk 3351 to 3870. Something here for everyone!
"Up to 17 Bits high standards.... Covers every aspect of Amiga PD... 9/10 **Amiga Computing Issue 94** ...selection of software is excellent... highly recommended". "Top grade stuff"
88% CU Amiga DEC 95.

Encounters

£14.99

Everything you could possibly want to know about UFO's, Coverups, Top Secret Projects, Conspiracies and MUCH, MUCH more!
"If you have a keen interest in ufology or are looking for some convincing evidence, look no further." "Cover every budding ufologists dreams.."
91% Amiga Computing FEB 96

Nothing But GIFS AGA

£19.99 CD32 OK!

Fed up with CD's that promise super quality pictures which turn out to be poor 32 or even 16 colour scans? This CD contains only the BEST, all AGA only, 256 colour pictures which cover many areas. Ideal for DTP & clipart but simply amazing to look at! EVERY image included was hand selected for quality. Guaranteed!

Anime Babes

£19.99 CD32 OK!

This CD contains well over 5000 GIF images in the hand drawn Japanese ANIME tradition.
All the images contained are of an ADULT nature and therefore, this title cannot be supplied to anyone under 18. All images can be viewed direct from the CD via a custom menu on PC, Amiga & CD32

ArtWorx £9.99

Thousands of colour images created by computer artists from all over the world. A must for users with a colour printer! Makes ideal colour clipart!

F1 Licenceware CD £29.99

Contains the complete collection of F1-001 to F1-100. This CD is worth well over £500 if the titles included were purchased seperately. Superb value!

AMINET 10 IN STOCK NOW!
£14.99

Official Octamed 6 £29.99

Includes the latest version of the best music making program for the Amiga along with 600MB of modules, midi files and samples. Also inc. full Walkabout collection!

Horror Sensations £19.99

Not one for the squeamish! This adult orientated horror CD contains LOTS of gore. Not to be purchased by anyone with a faint disposition!

- WILLIES WEIRDY NIGHTMARE F1 Licenceware Demo
- AQUAKON F1 Game Demo (2 Meg Chip)
- PUNTER V3.1 Horse Racing Game (F1 Demo)
- GRAC V2.0 F1 Licenceware Demo
- (ABCD) CHARLEY CAT ANIM Camera-Raderie 2.5MB
- (ABCD) ULTIMATE LIBRARIES Collection Of Libraries
- THIRD DIMENSION #21 3D Construction Kit Mag
- TOTAL SPECIES Arcade Adventure game
- SHANGHAI COLLECTION Includes 5 Variations
- LSD LEGAL TOOLS TNG #3 The Next Generation Of Utils
- LSD LEGAL TOOLS TNG #2 More Hot LSD Tools
- LSD LEGAL TOOLS TNG #1 New Series Of LSD Tools
- PHANTOM Superb Defender Clone
- CHILDRENS EDUCATION Compilation Of 7 Kids Programs
- REMDATE V2.2 Address Book, Calendar, Phonebook Etc
- (AB) NFA: DOS DEDOS MIS AMIGA 13 Track Music Demo
- ABG TO WB3#1 Beginners Guide To WB3.0
- PRO-GREYHOUNDS Race Prediction Software
- PRO LOTTERY 96 Lottery Prediction Program
- DREAM WITH ME Superb AGA Only Demo
- (AB) MINDPROBE Another Excellent AGA Demo
- NO! Polker Bros AGA Demo
- CRAZY-SEXY-COOL AGA Only Demo
- MUI V3.1 Latest Release Of Magic User Interface
- BLOBBLE DEMO Platform Game
- (AB) SELLING PICTURES Photo Tutorial
- THE ZX FILES #2 Speccy Disk Mag
- LIGHT DRIVE Uses Amiga To Drive Disco Lights
- (AB) FLASH V FLASH UNITS More Photo Tutorial
- ASSASSINS A1200 FIXES #3 More AGA Fixes From ASI
- THE ZOO #1 UNBORN Alternative AGA Disk Mag
- THIRD DIMENSION #20 3D Construction Kit Disk Mag
- PARASITE F1 Licenceware Game Demo
- ZSOFT COLLECTION Boing 95 & Rock Hard Willy
- F1GP ACCESSORIES Split Time, Lap Time, Display Etc
- F1GP ED V3.10 Very Latest F1GP Editor
- OPUS 5 UTILS #2 Opus FTP, Opus List + AREXX
- OPUS 5 UTILS #1 Updated AREXX Scripts, Fonts Etc
- SCION V4.09 Geneology Program
- SUPERVIEW 5.10 Graphics Viewer (HD REQ)
- IMAGE ENGINEER V2.1a Requires Superview V5
- PIXELSTORM DEMO Superb AGA Hand Drawn Artwork
- PRINTER DRIVERS DISK Includes BJC 600/4000 Driver
- STAR STUDIO Utils & Drivers For Star Printers
- SYS SPEED V1.1 System Speed Tester. MUI Required
- MADHOUSE V1.1 Modular Screen Blanker. MUI Required
- 'ODDYSSEY' AGA FIX Fixes The Classic Demo For AGA!
- MAGIC PAINT BOX Demo Of F1 GOLD Title
- FILER V3.24 Good Dopus Clone

Grolier Enc.

£26.99

Aminet Set 2

£24.99

LSD 3

£19.99

Adult Sens. 2

£19.99

SCI FI Sens.

£19.99

Aminet Set 1

£24.99

Arcade Clscs

£14.99

Software 2000

£29.99

Phase 4

£9.99

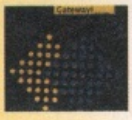
EuroScene 2

£14.99

Network CD 2

£14.99

Gateway CD



£9.99

MULTIMEDIA 2

£22.99

Assassins 2

£19.99

Amos Release 2

£19.99

GoldFish 3

£24.99

LightRom 3

£39.99

AGA Experience

£19.99

Meeting Pearls 3

£9.99

Aminet 9

£12.99

WWW: http://www.demon.co.uk/bit17

DOZENS MORE CD's AND THOUSANDS MORE PD AVAILABLE CALL US FOR A FREE CATALOGUE

V12-PD

Dept CU1
PO Box 14
Lincolnshire
LN11 8LF
United Kingdom
01507 450114

10 PD DISKS FOR A FIVER FROM A LIBRARY OF 12,500+, BLANK DISKS WITH LABELS AT £2.50 FOR 10, TRADE AND BULK DEALS ON BLANKS MUCH, MUCH CHEAPER THAN ANYWHERE ELSE IN THIS MAGAZINE!

OUR CATDISKS CAN BE DOWNLOADED RIGHT NOW FROM MIDNIGHT EXPRESS BBS, THE UK'S COOLEST AND BEST BBS ON 01384 865626 OR THEIR NEW LINE, 01384 826282 RIGHT NOW

SPECIAL OFFERS, EXTREMELY LIMITED, RING NOW...

Now available: 20 or 30 Meg PCMCIA Hard Drives for the A600 or A1200, do not require any difficult instalation, ultra fast, do not void warranty and filled with our PD FREE if required! Ring up for details on price and availability, highly recommended portable storage devices, phone orders taken so get asking, very cheap, ring for latest price and be amazed!

Bulk blank disks, White Shadow high quality disks imported from Europe, prices ridiculously low so this offer will only be open for a limited period, 250 £52.50, 500 £85.00, 1000 £140.00!!! These prices include labels, p+p, and free formatting to Amiga 837K or 878K if required, please specify. This offer is only open while stocks last, ONLY 200,000 available this month, ring up now or miss out, missus! We supply a lot of the companies in this magazine for blanks, get them direct from us at our outrageously low prices...

Other services include flatbed scanning, digitizing, sound sampling, membership, PD swaps, foreign PD available in large numbers, brand new and direct from the authors! Our membership for one years Catdisk update (24 disks!) is only £6.00, get the latest PD available within minutes of it being released, and our fab disks for a year without bothering to ask for it each month. Platinum membership is £15.00, and entitles you to 10% off PD, a year's Catdisks as they're released, 30% off scanning, 30% off blanks as PD, 25% off scanning, 30% off sampling, etc, etc, etc! Don't miss it, or you'll cry for days!!!

V12-PD welcomes all loyal Amiga users out there!

Hello. How are you? Me? Oh, I'm fine, thanks. I'm here to let you in on a big secret, it's about PD, not just any PD (he says, turning up hos coat collars and uneasily shuffling his hands in his pockets...) It's PD from the boyz at V12. I'm tellin' ya boss, it ain't like no PD ya bought before, it's cheapa, they got more muscle behind 'em than da other families put togetha, and all those services, they must have some serious rackets going, boss I ain't yella but I sure am scared...

Erm, yes, enough of the ganster impressions, let's get down to brass tacks, we sell PD, you want to buy PD, so that's that then. Bye. Hey! Hang on, I haven't even got halfway through the advert yet, better carry on a bit with sone more waffle unless you want a bit of this magazine clear to doodle on...

Our PD is cheap, it's very cheap. In fact here are our piddly prices:

1–5 DISKS 65P EACH
6–9 DISKS 60P EACH
10+ DISKS 50P EACH
P&P is only 50p on any size order!
Disks are 25p each including p&p if you supply the blanks!

A bit impressive, eh? Just compare our prices to any other PD library in this Mag, and see if we ain't the cheapest library of any size. I bet we are. And compare our disks, have any of our competition got 12,500+ disks to offer, we have over twice the amount of disks that most companies have, and even 10,000 more than some that have been going for years longer than us! Is it time you changed over to the high speed, turbo charged company with attitude? Don't miss out any longer, just get one of our Catdisks and see what's happening at the sharp end of the PD world.

This advert is not like the other ones that've been observed by all you PD fans out there. You see we don't put endless lists of disks on ours, simply because it is pointless, you'd only know whether a program was good if you actually owned it already with just the title or a silly 5 word description to go on. So, we don't bother with all that shinanigans, we save the marketing for the Catdisk, and what a Catdisk it is! You may also notice our adverts actually change each month, unlike some...

Where was I, oh yes, Catdisks. Our two disk catalogue is a masterpiece, it's undoubtedly the best and most entertaining Catdisk that 3 first class stamps could buy you. It's a full two disks, with details of our entire 12,500+ disk range on it, not just a few of them, each and every one including full contents listing for all the fred fish disks, soope, LSD legal tools, assassin's , everything! There's no more to shell out for with us! Not only the witty, humourous, handsome listings, but the presentation. An optional Ram installation menu for speeds of over 300K a second on your screen from crunched Ascii text files make this the fastest Catdisk on earth! Compatibility? No problem, this catalogue not only works on every Amiga from WB 1.2 to 3.1, it even detects what Amiga it is in, and enhances it to the system's specs on the fly! Music that'll blow you outta ya socks, samples, full point and click mouse menu system,animation, intro, heck, even an animated advert for our company on it, no effort is spared for your delight!

New offers from our buddies at Midnight Express include 9600 BPS modems for £49.99(!), 14,400 BPS moderns for £109.99 and 33,600 BPS modems (ring for availability and price). They can be contacted by the BBS number above with a modem, by voice on 01384 77172, or by mail (no, that old way?) At 21 Tiled House Lane, Brierley Hill, West Midlands DY5 4LG.

New packs we've put together for you this month are the following:

Amiga: from beginner to winner (10) £4.50 inclp&p!
Ten disks of tutorials and utilities on everything, from workbench, to printing, Artwork animating, music internet and comms, raytracing, you name it, it's here.

PD Gold vol 1+2 (8) £4.00 incl p&p!
The best games available on the Amiga PD scene, includes the lemmings clone, chaneques, the worms clone, mash, a super platformer called Nicky 2, a brilliant shoot em up called missiles Over Xerion, the bestPD shoot em up ever, Deluxe GalagaV2.5, and a superb role player,Dungeons of Avalon 2. Recieved over 90% in reviews in 4 mags, Game of the Month in 3 of them!

Mr Maistro Music Vil 1 (10) £4.50 incl p&p!
Contains the best music program in PD, Quadro Composer V2.1, and 6 disks of modules, as well as 3 disks packed with a huge range of samples to plink plonk with!

Amiga's Pink Pill Pack (10) £4.50 incl p&p!
10 dicks of system checkers and enhancers, Virus Killers, latest version of disk SALV and Virus Checker, Virus Workshop, memory checkers and clearance, de fragmenters for DD's, HD install set up, everything you need to keep the Amiga healthy! Specify which Amiga.

Pixel Perfection Vol 1 (10) £4.50 incl p&p!
A superb graphics pack, with art utilities galore, contains, converters, manipulators, rippers, full paint packages, and over 250 clipart images of a very varied nature!

Video Maniacs Pack 1 (12) £5.50 incl p&p!
A superb pack for video titling, disk presentation or intros, includes 3 disks of utils for animating, Titling, Converting, etc, and 9 disks of video type fonts, large, bold, colourful, approx 500 in all!

Compugraphic font pack 1 (15) £6.50 incl p&p
Approx 170 compugraphic rescalable fonts on 15 disks, suitable for Wordworth etc, superb quality and a good price, missus!

Glamour Girls 1 (12) £5.50 incl p&p (AGA)
12 disks of AGA girls, including some famous names, over 18's only! superb quality pics

To get your packs, simply write the names down on a piece of paper, and send a cheque for any you require, the catdisk is free with a pack to save you even more! Cheques and postal orders accepted, as well as phone banking. For an order over the phone, please have your cheque book ready for the account number, visa not required, but a cheque book is!

For your catdisks, send 3 first class stamps to the address above, go on, you know what you want to, and start paying a respectable price for PD!

We have a new telephone line for enquiries out of office hours (10am-5pm), it is 0378 135 034. Please ring this line instead of our office line at any other time than office hours.

Greets go out to Dean Kelly of Midnight Express BBS (lets think round and shiny!), Rob Davaiu, Stefan Mansier of Holland, Coca Cola, Frea, of NFA, Michael Carter, Robert Wilkins (it's your lucky day!), and everyone we've forgotten (the ol' memory's not what it was ...).

Flatbed Scanning Services.

Flatbed scanning is now available to a professional standard, with dpi up to 2400 x 2400 dpi, every file format from ILBM to JPEG, and every resolutions from Lores-NTSC to superhires-full overscan pal and custom resolutions beyond that. We offer this service out to any PD company, or any Amiga based company at discount trade prices, and also to any Amiga owning individual at the very low prices, ring us for details, we are at least 3 times cheaper than dedicated scanning bureaus. Any Amiga company who wishes to offer our service can arrange an agreement with us for some serious discounts, so make those scanning dreams come true! Remember also, our digitizing services, when allied with scanning, can offer computer representation of any object, any picture up to about 4 square metres(!) with no loss of quality. Please ring for further details.

We stock all the collections including Assassin's 1-250, Fred Fish 1-1000, Scope 1-220, Amigan, Arug, New Zealand, Imagine Object collection, Clipart collection, Barbie, Amos, Legal Tools 1-149 and thousands more. we now also sell CD's cheaper than everyone else, every Amiga CD available is, erm, available from us!

12500+ titles, that's more than a library with less than that!

Airbus A320II

■ Price: £29.99 ■ Publisher: Mirage ✆ 01260 299909

You're too slow, you're too heavy and you can't shoot anything. Fans of high excitement steer clear ...

Whilst the Amiga has always had an excellent range of combat flight sims, including *Gunship 2000* and *Knights Of The Sky*, choices for commercial or civil aviation are somewhat more limited with the only previous options being Microsoft's ancient *Flight Simulator* and the original *Airbus A320*. When launched, *Airbus* was hailed as being a totally accurate simulation with prospective pilots able to send away for their own wings and supposedly rack up valid flight time on the sim. To try to retain *Airbus* as king of the 'serious' flight sims, Mirage have now released *Airbus A320 II*, as 'a significant update' of the first game which adds improved flight information systems and navigational displays, uprated autopilot functions and new destinations and numerous other additions.

▲ Not exactly the most thrilling cockpit ever eh?

In the hanger

The package contains the software on one disk, a huge Pilot's manual, three high altitude en-route charts and a set of approach charts. Sadly however on close inspection, the documentation proves to be poorly translated and littered with spelling mistakes. To its credit, the manual does contain a wealth of information on the principles of flight but is so poorly organised (the loading and configuration instructions appear several chapters after the tutorials!) that it's necessary to flip back and forth through its many pages to find the information you need to get your plane off the ground.

On loading the program it becomes clear that the quality of the presentation hasn't really improved since the first version. The mouse pointer jerks around the screen clumsily as you attempt to fill out your flight plan with start and destination points, fuel requirements and estimated departure times. Instead of allowing you to pick your destination from a nice friendly menu, *Airbus* makes you dive back into the documentation to find the relevant acronym from its list of over a hundred airports in Europe and the United States and the tables for estimated fuel loads needed to reach them.

Correctly determining the fuel requirements is just one of the many factors that can influence your career as an commercial pilot – in order to extend *Airbus*' life-span, the game features a duty mode whereby you can climb the ladder from a rookie right up to the lofty heights of Chief Pilot.

Promotions and demotions are awarded based on various performance factors including how straight you hit the runway on touchdown and whether you had to use any reserve fuel to reach your destination. Once you've completed your flight plan you can check out the expected weather conditions before moving to the cockpit. In training mode you can set up parameters for visibility and cloud cover but on switching to duty mode expect the worst as the computer selects them randomly. Once the weather report's done you can finally climb into the cockpit and take off.

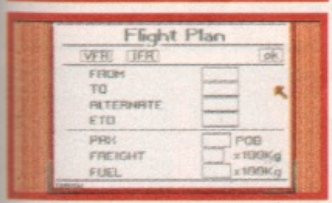
On course

To set up the Airbus' navigational system you have to refer to the charts once more and tap in the relevant co–ordinates for your start and destination points. This done, it's time to fire up the engines and taxi out onto the runway. Commendable as it is to see ambitious projects such as *Airbus* on the Amiga, particularly at a time when software support has never been more important, I'm sorry to say that this misses the mark on many counts. Whilst by no means essential, the in-game presentation screens in *Airbus* are uninspired. Couple this with a cockpit that looks dull and flat, even as drab 3D visuals slowly creep by, and you'll be instantly reminded of games which rightly belong in an age long since past.

Lacking the immediate appeal of combat-orientated games, simulations such as this need more than simple 'fly from A to B' missions to sustain interest. How about trying to land a plane in heavy rain at night with howling cross-winds and a dodgy engine? This would be just as compelling as dog-fighting a Mig. But nothing ever goes wrong in *Airbus*, you just go from one airport to another then back again. Impressive as the flight characteristics of this simulation may be, it's a soulless experience.

Fans of the original *Airbus* will find a more up-to-date suite of controls and instruments, but little else to recommend it. ■

A G Morgan



▲ In the Flight Controller's office you get to fill out a flight plan detailing your starting point, destination, the number of passengers, your cargo and fuel load.

AIRBUS A320II

- workbench version.....1.3+
- number of disks 1
- RAM.....1Mb
- hard disk installable .....yes

graphics	56%
sound	44%
lastability	47%
playability	52%

OVERALL
Dated flight sim. For Jumbo fanatics only

50%

Adventure Helpline

V A M P

Lullabies and fairy stories are learned at your mother's knee, but Vampyra gleaned all she knows at some other low joint! If you'd like to take advantage of her knowledge why not drop her a line.

Operation Stealth

I have just bought a bracelet from a man on the beach after escaping from the water. I now find myself stuck. After speaking to the receptionist in the hotel I learn that my baggage is in my room. Where is my room and how do I get in as I have no key? And how and where do I get hold of the key?

Cheryl Dawn, High Wycombe.

This isn't the Ritz darling and there are no porters to show you to your room. What you should do is look in all of the rooms until you find your one. Just think of all the fun you'll have stumbling in on people who aren't expecting you!

And why do you want a key? What do you intend doing in your room that you need to lock the door?

If you really insist on going straight to your room then take the lift to the second floor and walk up the stairs to the third. Go east and operate the door on the right.

Dungeon Quest

I've gotten past the dragon, gone west and then south. I've also jumped over to the other side of the idol but I can't get past the door here. There is no sign of a knob, handle or keyhole. I don't know if I've got the ring but I know where to get it. Do I need the ring and how do I get through the door?

Joe James, Shrewbury.

I have a lovely diamond ring which people often admire and say, "Goodness Vampyra, what a lovely diamond ring." Believe me honey, 'Goodness' had nothing to do with my getting that ring!

The exact commands you need are: jump, look door, look box, use sword, east.

Leisure Suit Larry 2

I have landed on the tropical island from the cruise ship. I've been into the jungle and picked the pretty flowers. I've met the Russian agents and I've thrown the flowers at them, but they still take me hostage. Help?

John Howsan, Motherwell.

The answer to your problem is a bit of a drag and you're the one who's going to have to wear it. Yes, it's time to suck your stomach in, stick your chest out and pretend you're a gorgeous girl! What do you think your friends will say? Perhaps they won't be surprised at all.

Having arrived on the island you must travel through the jungle (grabbing a flower on-route) and make your way to the restaurant. Steal a knife and leave. Next location to visit is the Guest Room where you must take the matches and soap. A trip to the barbers is next, where you'll to be turned into a blonde. Then nip back to the nudist beach to find a bikini bottom. This bottom will match up with the bikini top you should have found at the bottom of the swimming pool on-board the cruise ship. Now you've got a costume to change into back at the Guest House. You'll need to stuff the bikini top with soap and then return to the barbers to get your hairy legs waxed. What we girls have to suffer to be beautiful.

Bane of the Cosmic Forge

I have a few questions about this adventure which I would like answered. Are Queequeg and L'Montes useful alive, or should I kill them? What is the mystery oil for? How do I read the Deadman's Log and the King's Diary? Who and where is Snoopcheri? That's the lot, now please help?

Robert Rowe, Beckenham.

Queequeg certainly is useful for he can tell you the answer to many things, if only you knew how to ask the questions which is the whole trouble with this otherwise brilliant game. Talk to him about treasure and mountains and he'll reveal the password to the Captain's Den. (The password is Skeleton Crew.)

To read the Deadman's Log you first need to find the Decoder Ring which is in the second section of the lower level. The ring is on the hand of a skeleton who died in chains.

You cannot read the King's Diary just yet, again you need a special item. Later you'll see this item 'in the stars'. The Mystery Oil is used to ease open a rusty panel which controls a drawbridge – you haven't reached that part yet.

Snoopcheri is a dog which L'Montes has lost. Return his dog to him and he'll reward you. Snoopcheri can be found by using the noxious cheese in front of a mousehole in a certain room.

Eye of the Beholder II

I have explored the dungeons as far as I can and have now gone back upstairs – right to the top floor. I have unlocked doors, smashed lots of bat statues and found a teleporting thing in a hidden corner. You can go through the teleporter three ways. The first takes you to a room with a key and three jewels in it. The floor in the middle of the room is 'soft'. Because there are no doors out of this room I feel sure the exit has something to do with this part of the room. Please help.

P.S. There is also an annoying mouth upstairs which says: "None shall pass without the sign of the Dark Moon". Where do I get this sign from?

Beldar the Brave, Forgotten Realms.

You may be brave, but you ain't too bright. In the niche of the south wall is a red gem. If you also place the blue and green gem in this niche, the wall will open. The soft ground is just the place to plant a seed – a Tropelet Seed. You'll find this item after you get through that magical wall. (Incidentally, Tropelet is an anagram for teleport.)

On level three of the Silver Tower there stands a pedestal with the imprint of a hand upon it. When you place your hand on the imprint you will be branded with the mark of the Dark Moon. It will only hurt for a moment. Be brave and don't cry and I might just come and kiss it better. You wish! ■

If you've got a little problem with your favourite Role Playing Game and would like Vamp to help you out, drop her a line at CU Amiga Magazine, Priory Court 30-32 Farringdon Lane, London EC1R 3AU.

SOMETHING WHICH HAS ALWAYS PUZZLED ME IS "WHY IS " ABBREVIATION" SUCH A LONG, LONG WORD?"

LOWEST PRICED TOP QUALITY RIBBONS, INKJETS, TONERS & DISKS

Printer Ribbons

BLACK	1off	2+	5+	10+
Amstrad DMP 2000/3000	2.80	2.65	2.45	2.25
Amstrad DMP 4000	3.66	3.51	3.31	3.11
Amstrad PCW8256/8512/LQ3500	2.85	2.70	2.50	2.30
Brother M1009/1024/1109/1209	3.90	3.75	3.55	3.35
Citizen 120D/LSP10/Swift 24/9	2.85	2.70	2.50	2.30
Commodore MPS 1220/1230	4.50	4.35	4.15	3.95
Epson LQ100	4.10	3.95	3.75	3.55
Epson LQ400/500/800/850	3.45	3.30	3.10	2.90
Epson FX/MX/RX80/FX/LX800	2.90	2.75	2.55	2.35
Epson FX/MX/RX100/FX/MX1000	3.36	3.21	3.01	2.81
Epson LX80/86/90	2.12	1.97	1.77	1.67
Mannesman Tally 80/81	3.90	3.75	3.55	3.35
NEC Pinwriter P2200	3.03	2.88	2.68	2.48
OKI ML182/183/192/193/195	3.17	3.02	2.82	2.62

BLACK	1off	2+	5+	10+
Panasonic KXP 1123/1124/1140	3.46	3.31	3.11	2.91
Panasonic KXP 1080/1180/90/1592	2.89	2.74	2.54	2.34
Panasonic KXP 2123/2180	4.95	4.80	4.60	4.40
Seikosha SL90/92/95	5.70	5.55	5.35	5.15
Star LC10/20/100	2.29	2.14	1.94	1.84
Star LC200	3.00	2.85	2.65	2.45
Star LC24-10/200	2.86	2.71	2.51	2.31
Taxan Kaga KP810/815910/915	3.14	2.99	2.79	2.59
COLOUR				
Citizen Swift 24	11.95	11.80	11.60	11.20
Panasonic KXP2123/2180	10.63	10.48	10.28	9.88
Star LC10/20/100	6.00	5.85	5.65	5.25
Star LC200	9.78	9.63	9.43	9.03
Star LC24-10/200	9.63	9.48	9.28	8.88

Ring for Ribbons Not listed

Ring us and WE WILL BEAT all other Ribbon prices

3.5" Disks & Disks Boxes

	DS/DD	DSHD
10 Disks	£5	£6
25 Disks	£10	£11
50 Disks	£16	£18
100 Disks	£29	£33
250 Disks	£65	£76
500 Disks	£125	£148

100 Cap. Lockable Disk Box £5.99 with orders of £10+

Preformated (MS DOS) disks available at 2p extra/disk

All disks Certified 100% Error Free and INCLUDE FREE Labels.

Inkjets, Ink Refills & Toners

Canon BJ-10/20 Cartridge	17.54 each
Commodore MPS 1270 Cartridge	12.13 each
HP Deskjet Cartridge (Double Cap.)	22.00 each
HP Deskjet Tricolour Cartridge	26.00 each
HP Thinkjet/Quietjet Cartridge	12.13 each
HP Deskjet Ri-Colour Cartridge Refill	16.00 each

Inkjet Refills (Twin Packs) for Canon BJ-10/20, BJ300 HP Deskjet . Available in Black, Cyan, Magenta, Yellow, Red, Blue , Brown, Light Green, Dark Green and Gold.
1 Pack £11.00, 2+ Packs, £10.60 ea. 5+ Packs £9.95 ea.

HP Laserjet II/III Toner Cartridge	40.00 each
HP Laserjet IIP/IIIP Toner Cartridge	45.00 each

Ring For Inkjets & Toners Not Listed

Miscellaneous Items

Roll 100 3.5" Disk Labels	8.99
3.5" Disk Cleaning Kit	2.99
Parallel Printer Cable (1.8m)	3.99
Mouse Mat	2.99
CPU & Monitor Dust Cover	6.49
Monitor Dust Cover	4.99
80 Column Printer Dust Cover	3.99
Amiga 500 Dust Cover	3.99
Amiga 600 Dust Cover	3.99
Amiga 1200 Dust Cover	3.99

All Prices INCLUDE VAT (@ 17.5%) & UK Delivery

01543 250377 **01543 250377**

Ring us or send cheques to:
Owl Associates, Dept 422, Owl House,
5 The Brambles, Lichfield, Staffs WS14 9SE

E& OE

HOW TO ATTRACT GIRLS

EVERYTHING you need to know!

Two unique new illustrated guides, reveal all the secrets and techniques that can bring you sex-cess with women – OR YOUR MONEY BACK!

1. HOW TO PICK UP GIRLS

REVEALS: • The best pick-up techniques. • Over 100 fantastic opening lines • How to instantly attract girls you have only just met. • A simple rule that will triple the number of dates you get. • Fool-proof conversation techniques. • How to win over "hard to get" girls. • How to date exceptionally beautiful girls. • How to be so great on dates girls will want to be with you again and again – and much, much more!

£12.95 postpaid.
A4 Soft cover. 72 pages

2. HOW TO SUCCEED WITH GIRLS

REVEALS: • More brilliant "pick-up" techniques and opening lines. • How to become "sexually attractive". • Secrets that girls will never tell. • What really turns a woman on. • The art of seduction revealed. • What you need to know to be "G.I.B." (Great in Bed). – and much, much more!

£12.95 postpaid.
A4 Soft cover. 64 pages

SPECIAL OFFER! Order both these amazing guides for just £20 Postpaid.

User reports confirm success:

"Just two days after receiving your guides I picked up the most beautiful girl I had ever spoken to in my life. It was something that one week earlier would have been impossible." – D.S., London

"My only disappointment is that it's available to other men and I can't keep what I've learnt all to myself!" – D.B., Hemel Hempstead

MONEY BACK GUARANTEE: **If your not 100% delighted you may return either guide for a full no-questions-asked refund!**

Credit card holders may phone **01534-61 71 81** (24-hr answerphone)
CASUTI LTD., PO BOX 115, 20 BRITANNIA PLACE, ST. HELIER JE4 8QQ

YES! I want to be successful with girls. I understand that if I'm not 100% satisfied with the goods I receive I may return them in good condition for a full refund. On that basis please send me:

☐ HOW TO PICK UP GIRLS – Price £12.95 inc. p&p. ☐ HOW TO SUCCEED WITH GIRLS – Price £12.95 inc. p&p.

☐ I am ordering both of the above at the special combined price of just £20 inc. p&p.

I enclose a cheque/PO for £..... payable to CASUTI LTD. (foreign orders add £3) or debit my ACCESS/VISA/MASTERCARD Acc. No. ..... Expires .....

Name ..... BLOCK CAPITALS PLEASE

Address .....

..... Post Code .....

CASUTI LTD., PO BOX 115, 20 BRITANNIA STREET, ST. HELIER JE4 8QQ
All orders are discreetly despatched under plain cover. CU

HiQ Limited *Serving the Amiga User since 1988*

Why not try our Internet site at www.hiq.co.uk

Multimedia PowerStation options for all Amigas

PowerStation Specifications

1. 200 Watt power supply for complete Systems including monitor on one power switch, (your Amiga power lead needed.)
2. Good looking high quality steel construction.
3. Five drive bays, Various mounting configurations.
4. Ideal monitor stand and cables slide underneath.
5. SONY 2.4 speed CD-Rom drive.
6. Siamese PC upgrade compatible.
7. Low cost when compared to single drive cases.
8. DOES NOT VOID WARRANTY.

Desktop PowerStation pack price.
Includes Sony 2.4 speed SCSI CDRom + Squirrel
NEW PRICE £279.95 Call for other options.
Ask for Surfing Squirrel version.

Speakers not included

Siamese Tower Version

Speakers not included

The Greatest Drive Since the Model T Ford.

Panasonic PD DRIVE
Internal Drive Unit
NEW PRICE
£449.95 inc Vat
We use them, we know them!

Panasonic Optical Storage

!!A1200 3.5" STAR DRIVE BUYS!!

JTS 540mb *Only £159.95* ULTRA SLIM
JTS 840mb *Only £199.95*
JTS drives formatted, and Magic Workbench plus PD Software installed. Includes cable pack.
Fits as easy as a 2.5" Drive, call for details.
Free fitting for personal callers.
UK Post & Packing £7 (CityLink)
SCSI Drives
Quantum 840mb Lightning. £199.95

MasterCard

VISA

HiQ Ltd, Gable End, 2 The Square, Hockliffe, Beds, LU7 9NB
EMail address:- steve@hiqltd.demon.co.uk
All prices include Vat, Please add 2.5% for Credit cards unless Connect and Delta versions

TEL 01525 211327 **Call for brochure** **FAX 01525 211328**

REPAIRS WHILE-U-WAIT!!

COMPUTERS AND MONITORS

That's a promise for computers!!

Attention Dealers

Ring/Fax Now for best trade prices and terms on Repairs, Spares, Floppy Drives, Hard Drives, CD Rom Drives and Memory Upgrades.

- FAST TURNAROUND
- 90 DAYS WARRANTY ON ALL REPAIRS!!
- £10 EXTRA CHARGE FOR WHILE-U-WAIT SERVICE
- COURIER CHARGES £6·00 + VAT EACH WAY
- A1500/A2000/A3000/A4000.....£QUOTATION

NEW LOW FIXED PRICE

A500, A500+ & A600
£39·95

A1200
£49·95

2·5" HARD DRIVES

PRICE MATCH!!

For A600 & A1200

80Mb.....£69.95 170Mb .....£99.95 340Mb.....£169.95
120Mb .....£84.95 258Mb.....£129.95 510Mb.....£249.95

All hard drives are pre-formatted, partitioned with Workbench loaded and include 2·5" IDE cable and software

2·5" IDE Cable and Software.....£9·95

Accelerators

Apollo 1220 £99.99
Apollo 1232 £199.99

prices include fax software
BABT approved

Modems

X Link 14.4k £149.95
X Link 28.8k £249.99

prices include fax software
BABT approved

FOR BEST AFTER-SALES SERVICE

MEMORY UPGRADES

UNBEATABLE PRICES!

A500	Upgrade to 1 Meg £13·95	A500+	Upgrade to 2 Meg £19·95
A600	Upgrade to 2 Meg £19·95		Upgrade to 2 Meg with clock £39·95
A1200	0Mb £49·00	2Mb £104·95	4Mb £149·95 / 8Mb £279·00
	33MHz FPU plus Crystal ..... £36·95		

GUARANTEED SAME DAY DESPATCH (Subject to availability)

INTERNAL FLOPPY DRIVES

A500/A500+ ..... £29·95 A600/A1200 ...£34·95

CHIPS ✣ SPARES ✣ ACCESSORIES

1 Meg Fatter Agnus	£19·00	8520 CIA A600/A1200	£14·50
2 Meg Fatter Agnus	£24·00	8374 Alice A1200	£30·00
8362 Denise	£9·00	8364 Paula A600/A1200	£16·50
8373 Super Denise	£18·00	Video DAC A1200	£19·00
5719 Gary	£7·50	A600/A1200 Keyboard	£60·00
8520 CIA A500/A500+	£15·00	Lisa A1200	£35·00
8364 Paula A500/A500+	£12·00	Gayle A600/A1200	£25·00
Kickstart ROM 1·3	£15·00	Budgie A1200	£30·00
Kickstart ROM 2·04	£22·00	Mouse (290dpi)	£15·00
Kickstart ROM 2·05	£29·00	SCART lead	£15·00
A500/A500+ Keyboard	£50·00	Mouse Mat	£4·00
6570 Keyboard Chip	£20·00	10 Boxed Branded Disks	£6·00
68000 Processor	£8·00	Printer Cable	£6·00
Power Supply A500/A600/A1200	£30·00	100 Disk Box	£7·00
A2000 Power Supply	£60·00	Squirrel SCSI Interface	£59·00

* All chips are available ex-stock
* Please call for any chip or spare not listed here

AMITAR CD ROM DRIVE

Including Squirrel SCSI Interface

QUAD SPEED **£249·95**

Hama Genlocks

Ring for prices

Now Available

A1200 without hard drive .....£299·95
A1200 with 170Mb hard drive ...£369·95
A1200 with 340Mb .....£449·95
A1200 with 510Mb .....£549·95

* Call for more good deals

ANALOGIC ANALOGIC ANALOGIC

Analogic Computers (UK) Ltd
Unit 6, Ashway Centre, Elm Crescent,
Kingston-upon-Thames, Surrey KT2 6HH

Open Mon-Fri 8-00am-5-30pm, Sat 9-00am-5-00pm Fax: 0181 541 4671
** NEW OPENING TIMES ** STARTING NEW YEAR 1996 ** NEW OPENING TIMES **

Tel: 0181 546 9575

★ All prices include VAT ★ All prices subject to change without notice ★ Fixed charge for repair does not include disk drive/keyboard
★ We reserve the right to refuse any repair ★ P&P charges £3·50 by Royal Mail or £6·00 + VAT for courier ★ Please allow 5 working days for cheque clearance

Access VISA MasterCard

Snip Tips

You'll notice that last month they stuck me next to Vamp, and yes it's true – when you close the magazine, we do snog (aren't you jealous!). Anyway, please don't forget to send in some new tips, 'cause some of these are getting a bit old!

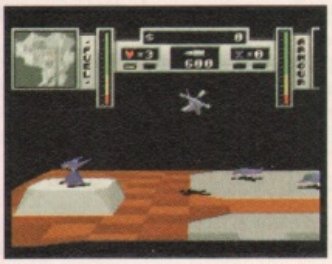
GLOBDULE
Psygnosis

Brian Stevies of Portsmouth gets a free bit of software thanks to this dandy list of world codes for the plop-tastic platformer of old.

LEVEL	CODE
1	HFCNASAKEZDV
2	UDDCASNZEZDV
3	TLPPASNQEZQZ
4	SHPWASBNEZEP
5	UAQNNTOGEZDR
6	EZPSASBREZRX
7	WHQQASSBEZUJ
8	SVQBASSSEZVP
9	SKCUNVNNSBDR
10	FGCONWNHFCDR
11	VGPHOMAASSDR
12	GOEBOQBUSWDR
13	RYQGOYNZGEDR

X-IT
Psygnosis

By pressing Esc on the title screen a password screen will appear. Enter a string of zeros, but make the last digit the level you want. You need to do this quite quickly as the password screen fades quite quickly. Thanks to Paul James from Derby for that one!



▲ How about some tips for Zeewolf 2 then? Go on.

QUIK
Titus

Having trouble with the desert level of this little doober? Don't worry, Mark Bryant of Ilford has just the ticket: On desert level 2, when collecting the clock, walk off the left of the ledge and the level will automatically complete.

BASE JUMPERS
Rasputin

We really are scraping the bottom of the barrel aren't we! Still, needs must when the devil vomits in your lap, and cheesy though this game is the man sent in the cheats and the man wins a prize. And the man? Why James Harris from Devon of course.

LEVEL CODES

ONE	TWO	BAT	MAD
TUT	END	WAR	

SUB CAME CODES

SEU	OLD	NEW	BEU
BOM	NAB	PAC	HOP
FLY	RUN		

ZEEWOLF
Binary Asylum

With Zeewolf 2 poking its head around the corner, Mr Tony Carrell reminds that the original is still a great game to play, with a few codes to help us along.

MISSION	CODE
5	IMAGO
9	TIBURON
13	ARGUS
17	MARTEN
21	SOCKIN
25	GANNPAU
32	FRAMPAGE

MARVIN'S MARVELLOUS ADVENTURE
21st Century

Again, I know it's an almost hideously old game, but them's the breaks folks. Anyway, Martyn Simmons from Finchley is the man to thank, so, er ... thanks!

HEART OF GLASS	
BIG BANG SYSEX	
DOING THE DO	
ZERO PLUS ONE	
SPIKKELS	MOTORCYCLE
SO ALIVE	TWIN PEAKS
FALLING	APHEX TWIN
ELASTICA	MAX GOLDT

DUNE 2
Virgin

Alan Godridge from South Yorkshire has a handy tip for any players finding themselves running out of spice to harvest. Simply destroy one of your full harvesters, and after the explosion there will be at least four times as much spice scattered on the ground in that area. You can repeat this process as many times as you like, and don't worry about the lost harvester – it'll be replaced nice and quickly. Cheers.

SINK OR SWIM
Ocean

Ta to Mr P Doogan from Norfork for these levels codes. A game is on its way to you now!

2	BISHOPMOVE
3	PATSY4KERMIT
4	HOWNOWPOWWOW
5	RINGWORLD
6	TROUGHTON
7	REDPLANET
8	MAGALITHIC
9	MYBREAKFAST
10	TINYBOPPERS
11	LOCKSALORDY
12	HALOWEENVII
13	NEWMODELARMY
14	TIMEPIECE
15	LARRYNIVEN
16	KILLERWHALE
17	BLUEHORIZON

MORTAL KOMBAT
Virgin

Ta to Gary Taylor from Brentwood for this interesting cheat. Just type DULLARD on the Start/Options screen, and should you lose a game, your credits will remain intact.

POPULOUS 2
Bullfrog

As is traditional, every couple of months I pull a handful of codes from my big bag of, er... codes. So here goes:

LEVEL	CODE
583	AGTH
718	UGABAG
658	TUUNAK
701	LLAGAT
767	THHEAG
991	SOAAAT
855	SIUNAT
856	VELLAB
845	HETU
935	WONGAG

And that's it again gang. I hope to have some fresh tips for you next month, but as always, it's down to you readers to keep 'em coming in. Don't forget (how could you?) there's a free Hit Squad game for every tip we print. Be seeing you ...

MODEMS AND INTERNET PACKAGES FROM £49.99

GET YOURSELF CONNECTED

Whether you want to make new friends, swap ideas and programs, or do some serious research, a modem will open the door to an exciting new world where almost anything is possible. A modem has already become an important part of many Amiga user's computer setup. New software can be received in minutes, the benefits are immense. You only need to flip through the pages of this very magazine to see mention of modems and the Internet, and here's your chance to join the swarming crowds with one of these excellent modem packages!

"BEGINNER PACK" 9600bps

This is our best selling pack and consists of a high quality desktop 9600baud modem, all connecting leads, PSU, NComm software, an invaluable 'Archivers' disk, plus handy help/advice sheets, as well as full access to our BBS, where you can download 1000's of latest files for your Amiga!

£49.99

"NOVICE PACK" 14,400bps

For the more adventurous, or those who wish to get involved in the Internet, this pack comes recommended. A faster 14,400 modem, as well as all the extras from the previous pack, PLUS additional information on the Internet - and of course, full access to our BBS

£99.99

"LIGHTNING PACK" 33,600bps

For big-time Comms users, this pack will most certainly be of interest. 33,600bps is currently the highest speed in modem technology, with the US Robotics Courier V34+ FaxModem. This nifty unit can transfer upto 1MB of data in less than four minutes! Please call for info!

£239.99

All our packs come complete and ready to use straight away. You will be able to log onto our BBS, MIdnight Express, and download as many files as you wish (full logon instructions included). Please call with any questions you may have!

VISA SWITCH **SALES/ENQUIRIES: 01384 77172** DELTA MasterCard

Megatronix Software, 21 Tiled House Lane, Brierley Hill, West Midlands, DY5 4LG

GBRoutePlus

Exclusive offer direct from Complex Computers
buy GBRoutePlus for £49.95 and get
GBRoutePlus Edit worth £29.95 absolutely FREE!

Award winning "Best Amiga Utility"
*Route Planner for the Amiga range of computers**

GBRoutePlus features include:-

- Over 25 million possible routes
- Calculate fastest, shortest & cheapest routes
- Includes motorways, A roads and B roads
- Includes cities, towns and many villages
- 5 via options, 3 avoid places and avoid road
- Colour and wireframe map graphics
- Optional interlace display
- Supports colour and black and white printers
- Map scrolling and zooming facilities
- Motorway service stations included
- Road bias facility for six classes of road
- 10 levels of magnification to a mile scale
- Mileage scale bar
- National grid coordinates
- Colour palette requester
- ARexx support – over 50 commands
- Vector mileage calculator
- 3D look user interface

GBRoutePlus Edit

The possibilities are almost limitless and there are many examples of how the Editor can benefit you, for example it is possible to incorporate your home, workplace, company branches, friends and relatives homes, additional roads and places, tourist landmarks, hotels and public houses, holiday sites and of course future road changes.

*Compatible with A500/A500+/A600/A1200/A1500/A3000/A4000 - 1 Meg required

To order or for information pack
Telephone 01706 224531 / 01248 371299 - Fax 01706 225320

Please send me GBRoutePlus for my Amiga computer together with GBRoutePlus Edit at the special price of £49.95 fully inclusive to :-

NAME: .....

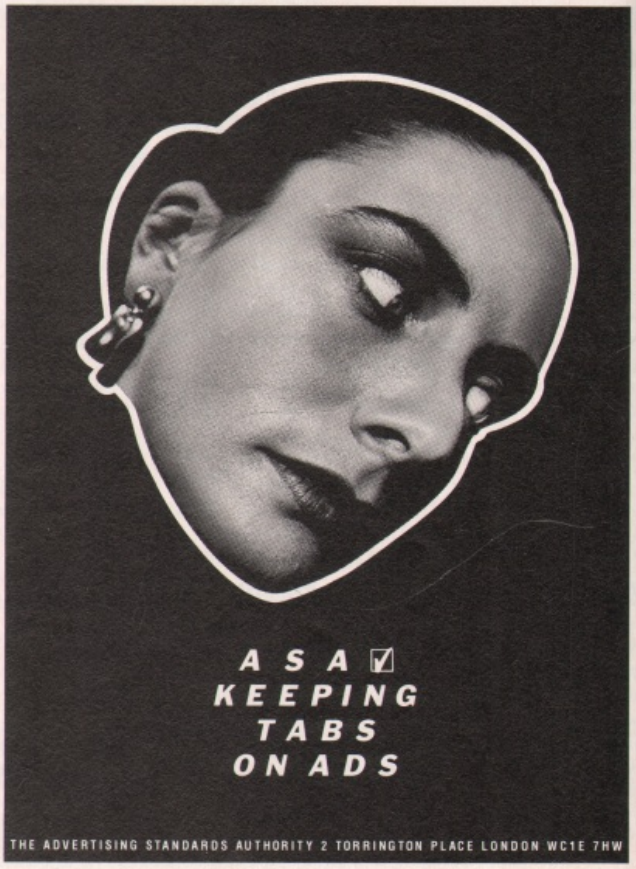
ADDRESS: .....

..... POSTCODE : .....

CARD NO : ..... EXPIRY DATE : .....

SIGNED : .....

Complex Computers - 2 The Arcade, Waterfoot, Rossendale, Lancashire BB49AF. E& OE
We accept Cheques, Visa & Access. Made payable to Complex Computers. 1st class post is FREE!



Get Serious

Horgan's Organ

It's good to see the market still pushing ever onwards, regardless of the current lack of news from Amiga Technologies' HQ. Impulse and Phase 5, the developers of our two headlining review products, might find it in their interests to form some kind of alliance; rarely have two products complemented each other so well. Together the power of Imagine 4 and the awesome speed of the 68060 are enough to make you want to jack in your day job and set about rendering the next 'Toy Story' computer movie on your A1200! Just so long as you can stand that Imagine user interface ...

Elsewhere you'll find all the latest on Acid Software's new Blitz Basic 2.1, along with the first review of Digita's excellent Wordworth 5 packed with stacks of handy features.

The only disheartening sign this month comes from the entertainment side of the PD scene. Looking back two or three years we were flooded with cutting edge demos exposing wonderful new technical tricks, and plenty of good animations from up and coming artists cutting their teeth on the Amiga. Now it seems that innovative band of artists and coders has either lost the edge, or more likely, moved onto higher specified machines that can do justice to their imaginations. Maybe this is one area that will only be rejuvenated when the next generation Amiga arrive. Don't hold your breath, but hang in there.

Tony Horgan
Technical Editor

Sitting comfortably? Now read all about the latest products rated by CU Amiga Magazine's gurus.

- **Imagine 4 ..... 62**
  You've got *Imagine 3* from our January cover disk, right? Now see what's in store in *Imagine 4*, the latest update of the people's favourite 3D ray tracing package.
- **Blizzard 1260 Accelerator 66**
  Now you can stoke your A1200 with the amazing speed of the 68060 processor, thanks to this new addition to the famous Blizzard family of accelerators.
- **Blitz Basic 2.1 ..... 69**
  Combining the speed and power of machine code with the simplicity of *Basic*, *Blitz Basic* has just received a new update to version 2.1.
- **Wordworth 5 ..... 72**
  As word processors encroach on the territory of DTP, *Wordworth* takes a fresh look at the requirements of the serious word processor user and comes up trumps.
- **Epson Stylus II 77**
  Epson are currently taking all the winning technology from their range of printers and putting it into a lower cost versions. The Stylus is one of these up for inspection.
- **Hewlett Packard 77**
  More expensive than the Epson Stylus, the Hewlett Packard printer also comes under the investigative eyes of a CU Amiga Magazine expert.
- **'Green' Pen Mouse 78**
  The traditional mouse isn't the ideal input device for computer artists. The 'Green' Pen Mouse hopes to rectify the problem by offering a more natural alternative.
- **Screen Beat Super Woofer 78**
  Feeling in a party mood or want to listen to some good tunes? Give your Amiga's audio the sound system it deserves – feel the bass!
- **DataStore 79**
  There comes a time in a man's life when he gets tired of cataloguing all his old girlfriends' phone numbers. Looking for a new Database? This could be the answer.
- **CD-ROM Round-up 80**
  EMC's Phase 3 CD arrives with a bundle of clips and fonts for DTP and DTV, while The Assassins offer their latest PD game compilations in CD-ROM format.
- **PD Scene 82**
  With PD Scene being taken over by licenceware, it's good news for adventure fans who get a top new game for budget price.
- **PD Utilities 87**
  Boost your Amiga's productivity with another selection of shareware utilities, this month including a couple of timing tools, an Internet guide and a picture database.

Imagine 4.0

■ Price: £199.95 (£99.95 upgrade) ■ Developer: Impulse Inc. ■ Supplier: Emerald ✆ 0181 715 8866

The great grandad of 3D rendering packages has been upgraded and, interface aside, we like it ...

Does *Imagine* really need any introduction? The 3D rendering system that's been the subject of a unique love-hate relationship with Amiga artists for years has now reached version 4.0. You'll almost certainly own *Imagine 3.0*, since we cover mounted it on our special 3-disk January 1995 issue, so you'll already be familiar with this superb 3D rendering package's combination of immense power and potential, albeit wrapped up in a rather tricky user-interface.

The interface

You might have expected a revamp of the user-interface to have been first on the list of changes for 4.0, but this was obviously not a priority for Impulse. This is a shame, but let's not dwell on the point. Actually, one of the new features does concern the user-interface: you can now run the program in 256 colours on an AGA Amiga or on a Retina graphics board. It's also possible to run in 256 colours on other boards using Mode Promotion, but this can get messy. There's still no standard screenmode requester though, so many users will still be stuck with flickery old interlace mode. The requesters are just the same as older versions.

▲ The Attributes section now gives you a preview render of your chosen texture and settings.

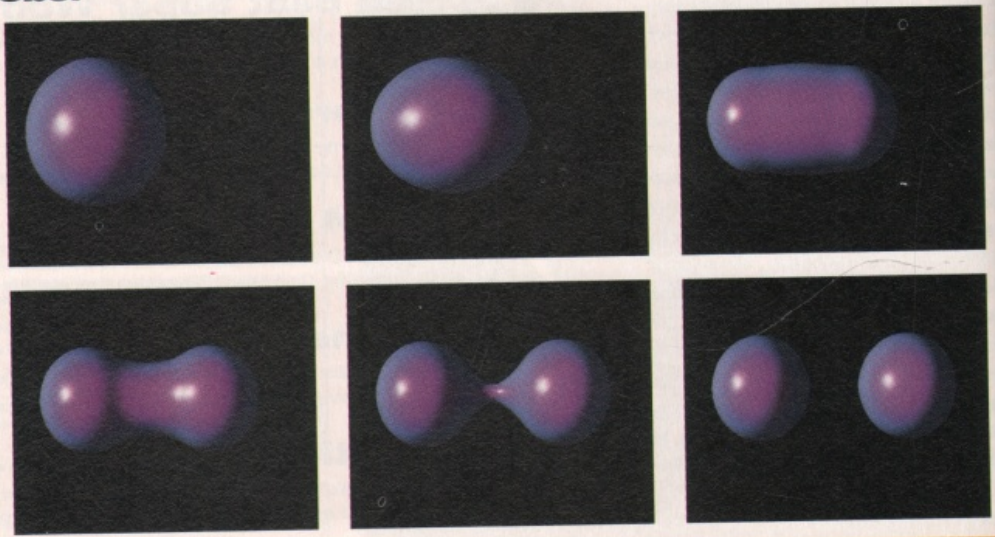
Texture improvements

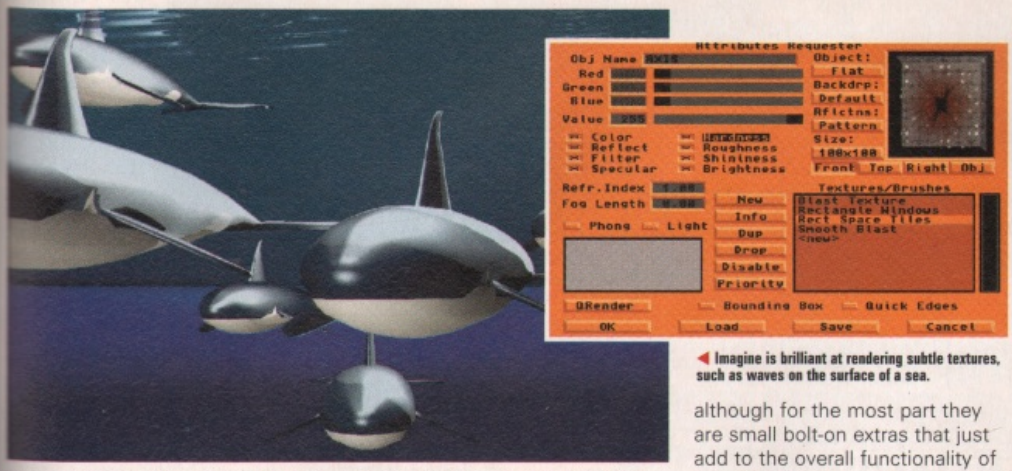
One of Imagine's major plus points is its incredibly useful texture tools. As before, you can cover your objects in mathematically-generated textures that can be almost infinitely varied to simulate thousands of real world surfaces, or you can wrap them in IFF graphics files. There are improvements in both areas.

Regarding the mathematical textures, the Attributes window now gives you a preview render

Introducing ... blobs!

Just what you've always wanted: blobs! This sequence illustrates one of Imagine 4's most useful new additions. You can now model objects from liquid blobs, which could come in very handy for those tricky organic scenes. In this sequence there are two blobs, initially positioned right on top of each other. As they are slowly moved apart, unlike normal spheres, they stretch as if unwilling to part company, joined by their surface tension until finally they pop apart. See the hand object opposite for an example of an object made with blobs.





◀ Imagine is brilliant at rendering subtle textures, such as waves on the surface of a sea.

of your chosen texture settings in a similar fashion to Texture Studio. This is a great time saver, and, let's face it, when you're 3D rendering you need all the short-cuts you can lay your hands on. The States section can be used to morph between two different attributes or textures which is excellent for chameleon type effects.

You can now specify more parameters for the IFF brush maps too. Previously these were controlled by setting the levels for colour, bump, filter and reflection. The amount of parameters here has been doubled to include the following: specular, hardness, shine, brightness, fog length, index of refraction, ambient light and even roughness.

Miscellaneous extras

Additions in other areas include the ability to import pictures into your scenes for use as backdrops (previously a backdrop had to be specified separately from the Globals section of the Action editor). These backdrops now appear in the 3D preview window, so you don't need to render the scene to get an idea of how the backdrop will fit in with the rest of the scene.

There are plenty of new bits and pieces to make life easier dotted throughout the program, although for the most part they are small bolt-on extras that just add to the overall functionality of the program. These include some new tools, among which the smoothing controls are some of the most useful, helping to mask the edges of the polygons that make up each object.

A few additions have also been made to the lighting functions: Soft shadows can be cast by tweaking the parameters of a light. In effect this makes multiple clones of the lightsource and places them very slightly apart from one another, resulting in a number of overlapping shadows being cast. This leads to rather over-extended rendering times, but the effect can be worth it. You can also view the scene from any lightsource or object.

Conclusion

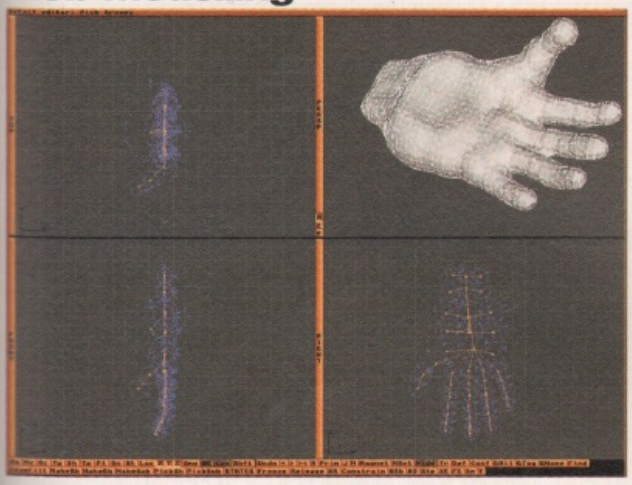
Imagine 4 is an incredibly powerful program, but if you were expecting it to suddenly morph into an intuitive and friendly system you'll be disappointed. It's high time the user-interface was completely overhauled and brought up to date as this is the program's only main drawback. It's absurd that you still can't select your working screenmode from a list of all those available, as you would with any other current application worth its salt. The inadequate 24-bit graphics support is also disappointing.

However, if you can get by with its old-style interface, *Imagine 4.0* presents heaps of very tasty features at your fingertips, and the resulting images and animations can be stunning. In most areas it matches the quality of its rivals and despite the level of the competition (remember, it's up against the likes of *LightWave* and *Cinema 4D*) it surpasses them in many ways.

Newcomers will find it tricky, but the enhanced features combined with Imagine's traditional strengths; the bones system, morphing and brilliant texturing it's worthwhile. If you've plenty of RAM and are not afraid of spending sleepless nights struggling with the interface, then *Imagine 4.0* is the business. Now, isn't it time you bought that 68060? ■

Martin Bibby

Blob modelling



Obvious uses for these include psychedelic lava lamps and any scene or animation that requires dripping gunge of some sort, not to mention trippy abstract animations. However, with a bit of imagination you can put them to good use modelling all kinds of natural objects. This model of a hand took just a couple of minutes to knock up by combining a number of blobs. The results, when suitably textured, are far more realistic than you would normally expect from a similar model crafted from conventional 'primitives'.

Imagine: an overview

Imagine began life many moons ago as a package called Silver and was soon re-christened Turbo Silver. Sometime later it changed name once more to become Imagine. Despite a few quirks, it's become the most popular 3D rendering system among Amiga users mainly because it delivers professional quality results without demanding too much in the way of processor power and other system requirements when compared to some of its rivals. That's not to say that you'll have much fun trying to render an animation on a 68000-based machine. A 68030 or better processor is pretty much essential for serious rendering, and it's hardly worth bothering at all with anything under 4Mb of RAM. A good 10Mb of RAM is generally sufficient for most work.

One of Imagine's major advantages is its States and Bones features, which allow groups of objects to be joined and animated in a realistic manner. Another advantage is its ability to produce mathematically generated textures that can create incredibly lifelike and varied surfaces.

IMAGINE 4.0

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
4Mb RAM, OS 1.3, hard drive
recommended: 8Mb RAM, FPU, 68030 processor or faster.

ease of use.....65%
This is where it falls down, thanks to a customised user interface.

performance.....90%
Hampered by the interface, but the results can be amazing.

value for money.....79%
At 5p under £280 it matches Cinema 4Don price and is £200 less than Real 3D 3.0. It's not cheap, but it certainly delivers.

OVERALL
A flawed masterpiece with plenty to offer.

87%

SOFTWARE 2000

ALL OUR PD DISKS ARE

99P

PLEASE SEND YOUR ORDER TO EITHER OF THESE DISTRIB
YOUR ORDER WILL BE SAME DAY DESPATCH VIA FIRST CLA

We stock over 6500 QUALITY PD & SHAREWARE

How to order

To order any disk just write the disk title and the disk code, EG U01 Agene. Some title have a number in ( ) this means the title comes on (x) number of disks. To order PACK just write down the pack TITLE name will do.

ALL DISKS ARE COMPATIBLE WITH ALL AMIGAS UNLESS STATED

AGA Disk means for A1200/A4000 only

Price.....99p per disk

Please add 70p to total for postage & packaging

Pack price as stated. All Orders Same Day Despatches

For the very latest catalogue disk please add 70p

MAKE CHEQUE/POSTAL ORDER PAYABLE TO: SOFTWARE 2000 SEND TO (ADDRESSES TOP RIGHT)

PER DISK + CHOOSE 1 FREE DISK WITH ORDER OF 10 OF MORE DISK

OVERSEAS POST & PACKAGE RATE

(Europe add 25p per disk for P&P)

(Worldwide add 50p per disk P&P)

SOFTWARE 2000
DEPT (CU)
8 Falcon
Wilnecote
Tamworth
B77 5DN
ENGLAND
TEL: 01827 287377

SOFTWARE 2
DEPT (CU
9 Wills Stre
Lozells
Birmingha
B19 1PP
TEL: 0374 67

TEL OR FAX: 01827-287

SOFTWARE2000 FREE MOUSE MAT worth £2.99

FREE MOUSE MAT worth £2.99 with every order £12 or over. To claim your free mouse mat just cut & return this token with your order + enclose an extra 38p stamp to cover the mouse mat postage & package. Offer only available with this token (limited 1 mouse mat per order exclude any other offer)

You may choose 1 FREE disk if mouse mat not required

*****AMIGA ESSENTIAL*****

DISK CLEANING KIT	£2.99 *
Complete with disk & cleaning fluid	
Quality MOUSE MAT	£2.99 *
10 blank disks & 10 labels	£4.99 *
50 disk protector sleeve	£0.99

* special offer £1 off if you order 5 or more pd disks

music

M001 BEASTY BOYS-We Want Some Pussy songs
M002 MICHAEL JACKSON-song BAD
M003 DO THE BART MAN
M005 100 C64 TUNES (not A1200)
M006 BAT-DANCE REMIXED
M017 GUNS & ROSES - YOU'RE CRAZY
M018 THE XMAS SONG (disk) very funny
M025 MONEY FOR NOTHING-DIRE STRAITS HIT song
M027 BLUES HOUSE (2 disks)
M084 C64 GAMES MUSIC
M115 MADNEY & KAKTUS 2 - 40 tunes compilation
M125 ADAMS FAMILY
M147 BANGLES - Walk Like An Egyptian
M150 TIFFANNY I Think We're Alone Now
M171 MADONNA - (Like a Virgin)
M173 JANET JACKSON - RHYTHM NATION
M177 PET SHOP BOYS
M184 SAM FOX - (PLEASE ME)
M186 MADONNA - (RESCUE ME)
M188 JOE LE TAXI
M189 MICHAEL JACKSON (SMOOTH CRIMINAL)
M194 JESUS ON E'S (2 disks)
M205 RAVE - more Rave
M262 A TO Z OF C64 GAMES MUSIC (4) brilliant
M314 DICK TRACY (madonna) (2)
M335 STAR TREK & STAR TREK NEXT GENERATION (2)

PRINTER MANAGER

U427 PRINTER STUDIO excellent print results
U428 PRINTER TOOL - includes typewriter, spooler etc
U429 PRINT ENHANCER - best print results
U430 STAR PRINTER STUDIO - for all star printers
U434 SEIKOSHA STUDIO - for all Seiko printer more specific
U436 printer driver for the Epson printer
U439 PANASONIC STUDIO - 9 & 24 pin printer driver & util
U474 CANON PRINTER STUDIO - for all Canon printers
U475 PRINTER STAR 24/200 PRINT DESIGNER - shareware
U476 CITIZEN PRINTER MANAGER for all Citizen printer
U477 Panasonic Printer Manager - for all Panasonic printers
U478 CANON PRINTER STUDIO for all models for use with cannon printers
U497 150+ PRINTER DRIVERS largest collection

VIDEO TITLER/TOOLS

U181 VIDEO NOTE database for your video collection
U431 VIDEO APPLICATION (2 disks)- many video titler prog
U250 VIDEO TOOL (3) loads of video utils. Recommended
U964 TELESUBTITLE - new video titler
U965 VIDEO MAKE V4.33 The latest in video
U352 DESKTOP VIDEO 1 & 2 (best video titler tool) catalogueing system. Dozens of functions
U417 VIDEO TITLER 1 - Great video titler MEGOS titler
U513 VIDEO TITLER (2 disks) more VIDEO TITLER-BEST
U920 TELESCROLL 2 (not WB1.3) Easy to use Video titler
U921 WEDDING VIDEO ANIM (2 disks) Requires D.Paint 3/4 Very high quality
U922 CANON MACHINE excellent video titler
U923 VIDEO MANAGER (not A500 1.3) Video Catalogueing system
U925 VIDEO TITLER - very good video titler

TOP VARIOUS UTILITIES

U324 D-LOCKS protect your disks & files
U027 ULTRAPAINT & SURF paint & 3D model program
U029 CAN DO programming language
U045 DARKSTAR no.2 (wa 2.5) loads of utils
U058 DISK MAG CREATOR create a disk magazine
U117 NORTH C compiler (2) brill programming language
U122 SID 1.6 copy/delete/move file made very easy
U131 TETRA COPY play tetris while copying disk, great
U135 MOST USED UTILITIES (2) very useful util collection
U145 OPV PROFESSIONAL musical program powerful disk copier
U146 C-MANUAL 2 (4) Teaches you how to program in C
U159 PAINT AND ANIMATE 16 still the best
U170 BIORHYTHMS V4.01 display your own biorhythms
U184 MASTER SEKA V1.8 complete Assembler language
U166 UNLIMITED DISK CREATOR V1.4 loads on here
U167 M COMPUTER AID DESIGN - Was commercial product
U168 SHOWBIZ Slide show maker 24+ wipe effects!
U169 HI - Intuitive/overlush file using a mouse
U220 AMOS/PAINT V good paint package, lots of features
U222 GRAPHICS UTILITY (3) lot of graphic converter tools
U226 50+ MOST USE UTIL loads of very useful utils
U229 SLIDE SHOW CONSTRUCTION KIT easy to make
U230 MENU DRIVEN TOOLS lots of utilities
U242 IMPLODER 4.0 dis file compressor. Excellent
U243 The A-T COPIER (not WB3) 13 disk copier
U254 FRACTAL UTIL loads of fractal programs, and
U262 LAND BUILDER create realistic landscapes
U294 COPY & CRACK TOOLS back up PD/Public software
U300 MESSY SID 8 read/write PC/MAC etc files
U301 AUTO DISK LOGGER catalogue your disk
U321 GRAPHIC UTIL (2) loads of top graphic utils
U324 GRAPHIC util 2 (2) even more graphic tools
U333 SCERPY MAKER more landscape generators
U334 EMULATOR COLLECTION II (lots of emulators)
U335 FREE COPY back up commercial games
U337 DISC PRO Brilliant 3D object designer
U338 MULTI VISION (2) disk/files utilities
U343 HACKER-TOOLS many ripper tools
U350 POOL TOOLS - predict horses with the best chance
U351 RACE RATER Similar to above, but both
U358 MAR CAT 2 - create catalogue files, easy
U359 SEEKER find lost files on floppy & hard drive
U360 R.P.G (2) adventure creator
U369 EASY REPAIR KIT salvage & repair damaged disks
U372 WORLD SORT process ASCII files
U377 NCOMM III more modern software + packer util
U381 SUPER DUPER fantastic disk copier
U399 FRANSCAPE V1.2 new fractal similar to VISTA
U400 SOUND TRACKER V2.6 more music
U420 SPEED BENCH (not WB1.3) create auto boot WB
U425 NIB 2 very popular copiers
U434 THE RIPPER COLLECTION (not WB3) many ripper prgs
U442 SYSINFO test & print info on your Amiga syst
U444 FONT FARM font creator/edit/design new fonts
U447 TOOLS PAK 2 (3 DISKS) Detail/illustrated on 61 time.
U470 FINAL FRONTIER 1 (2 disks) Star-Trek magazine
U473 FINAL FRONTIER 3 (4 disks) Star Trek magazine
U480 HARD DISK CLICK Hard drive menu system
U490 B-TEC UTIL Amazing pack with 207 utilities
U491 WORKBENCH (3) Best new workbench program
U492 WORK STATION (2 disks WB1.3 only) WB replacement
U495 HARD DISK UTIL brill collection of Hard Disk util
U496 EASY PRINT (ASOO only) lots of useful utils
U498 WORK MATE 15 brilliant desk utils compilation
U501 THE MUSIC CONSTRUCTION KIT (state Amiga owned)
U504 HOT STUFF more util disk compilations
U505 VIRUS KILLER & DISK RESALVGE / REPAIR KIT
U517 POWER PROFESSIONAL V2 use HD are memory (ie MMU)
U539 ULT BOOT BLOCK 40+ bootblock generator/maker
U510 ULTIMATE BOOTBLOCK Collection II + more
U512 XPROTECTOR UTIL 90 MOST USEFUL UTIL 2. brilliant
U515 WIT COMPETE UTIL 20 most used utils

U521 SPECTRA PAINT (8 disk) te O/Paint
U550 SCENERY CONSTRUCTION KIT FRACTAL. recommend
U551 ASSASSIN BOOT BLOOK over 50 bootlook protector
U555 CROSSWORD CREATOR (not WB3) crossword maker
U561 PERM CHECK a full POOL PREDICTION program
U568 ICON CONSTRUCTION KIT icon making program
U569 ICON ready made (4 disks)
U590 600 NUMERIC PAD EMULATOR (A600 only)
U591 DEGRADER (not WB1.3) A500 emulator
U592 KILL AGA make older programs run on A1200
U600 QM EMULATOR 1 util & document
U601 DISKSALV II + ABACKUP (not WB1.3)
U603 THE CHEAT COMPENDIUM for over 450 games
U620 HOW TO CODE IN C (2 disks) + many examples
U622 ACTION REPLAY V1.5 cartridge on disk
U623 ACTION REPLAY V1.4 KILLER (ONLY) same as above
U645 EMULATOR V2.3f (WB3 only) SVGA PC emulator
U650 COPY & CRACK TOOL 2 more powerful copy programs
U651 DISK-SALV (not WB3) kill 316+ viruses
U669 FORCASTER V2 horse racing prediction program
U690 ASSASSIN COPIER (loss) includes Xcopy3/dcopy etc
U694 SUPER DUPER (not WB1.3)0 v fast disk copier
U696 AMITOOL PROFESSIONAL disk database tool
U699 MEGA DISK TOOLS lots of copiers & utils
U700 ANIMATION CONSTRUCTION KIT V1.2 + good
U702 V MORPH V2 create smooth morph animation
U703 POOL TOOLS 2 Latest predicts horse racing
U705 TRONI-CAD best creative circuit board and examples
U707 DISK MASTER V4.4 KILLER (ONLY) same as above
U708 LAST WILL AND TESTAMENT write your will
U710 PERFECT PAINT 32 very easy to use paint packages
U714 DOREMI MIDI KIT various test kits for Amigas
U718 MAGNUM 1.9 REGARD the best disk magazines creator
U721 POOLS PAPER WIZ+ latest list of fonts + font viewer
U723 EXOTIC RIPPER rates as the best sound/graphics ripper
U724 PARNET SET UP (2) requires for the connection
U725 ENGINE CAD MARKER 3 INSTRUCTION project save EEE
U726 APEX MANUAL (not WB1.3) complete manual. Highly rec
U729 ASSASSIN BOOT UTIL 50 best block creator utility
U730 SOFT AGA (A500 plus or A600) & min 1.5 meg
U731 A-Z GAMES CHEAT for over 500 games
U732 MORPHS create TERMINATOR 2 effect
U736 AWARD MAKER II + hundreds of ready made, brilliant
U737 ASSASSIN GRAPHIC COPY TOOL (WB1.3 only)
U738 RIPPER PROFESSIONAL V3.2 Various versions of K-Start
U739 TURBO IMPLODER V3.1 powerful disk cruncher
U740 CROSS DOS 5.1 plus read/write PCor AMIGA disk
U741 HD-DISK TOOL 9SIX + many more disk util recommend
U742 HOW TO CREATE AUTOBOOT DISK complete + util
U743 UTIL Disk Master 2 UTILITIE AUTO DISK
U744 FRACTAL MANIA + BIOMORPH Brilliant Collection
U745 AF WORKBENCH (A1200 3 ONLY) replacement
U746 3D GARDEN DESIGNER can view from any angle brill
U747 ASTRONOMY V2 predict star planet prediction
U748 ILLUSIONS (MAGIC) program like Dpaint
U749 DISK REPAIR 3 (floppy & HD) include soft-protect
U750 MUSIC CATALOGUE (not A600 1.3) very easy to use
U751 SYSTEM CHECKER TOOL must for any amiga owner
U753 HARD DRIVE UTIL + lot more Hard drive util
U754 PARNET INSTALLER 3 (not complete)
U755 PRO CAD electronic latest circuit board designer
U758 WB MENU LAUNCHER many system, easy to use
U760 ICON PLUS (3 DISKS) Hundreds of stunning ICONS
U761 RELOCKIT 1.4 latest WB1.3 emulator
U762 FAST FAST (A500 only) lots of super utilities
U777 TELETEXT RECEIVER Project. Highly recommended
U781 DOSTRACE V2 display information why some program
refuses to run. Also monitor Amiga activity RECOMMENDED
U783 POOL WINNER GOLD must for all pool fanatics
U787 HARDY DISK MEMORY V2 use HD are memory (ie MMU)
U790 WINDOW BENCH V2 (WB 2/3) 2 disk new workbench
replacement, include lots of useful utilities
U791 COMPUTER DIAGNOSTIC TEST V9 Amiga
complete system tester

U800 PRINT A CARD include many ready made
U801 MULTI-PRINT V4 lot of printing util
U805 DISK PRINT print custom disk lables
U807 FONT & PRINT Latest of utilities to make & print use
tion. RECOMMED
U830 POOL WIZARD -(football) prediction
U832 DIVIDEND WINNER - Prediction rogname for
WOOD, VERMON ZETTER Est
U834 FORGASTER 2.02 New Horse prediction Prog
U836 AUDIO MAGIC 4-Proctracker V3.Exectic ripper
U843 AUDIO MAGIC 8- Octamed player ect
U846 C64 emulator V1.0 (DISK) C64 emulator/atest
U848 SPECTRUM EMULATOR V2- Spectrum emulator
U850 EAGLE PLAYER (2disk) the best music player
U851 DELI-TRACKER (disk) play all music formats
U891 SONIC DRUM KIT V2 Make drum sample
U892 DISK UTILITIES Pack- Collection of 10 disk copier
U903 OPTI-Utils 1-over 30 disk copier/Optimise ect
U905 INTERNAL BENCH MARK V8.5 (Not WB1.3) syste
U896 CLONE WORKBENCH (WB1.3 ONLY) very useful util
U897 DISK REPAIR KIT 4-Include disk repair, undelete,
diskmask, systeinfo,ect
U950 STEREO-SCOPIC V2.a (not A500/1.3) This is the
DOT STEREOGRAM generator.
U951 FORTH PROGRAMMING (NOT WB 1.3)
U957 SCALA BACKGROUND (Disk) High quality image
U960 PROGRAME LOADER-New HardDisk menu
U961 MAGAZINE 2 (2disk)- Even more games cheats
U963 AMOS & AMOS PRO COMMAND EXTENSION
U967 PRO-GAMBLE-Super Horse prediction programme
U978 DELUXE PAINT 4 BOOK (2 disk) Get the most
Paint Instan on line for evry fuction
U981 VIRUS CHECKER V6.54 ++AUTO UPDATE MOD
DIRECTORY OPUS V4 add Extra Command/BUTTON
U983 MAGIC WB & MAGIC MENU ..Both Latest version
U986 VIRUS-WORKSHOP V5.1 the best Virus util
U987 GRAPHIC-CONVERTER (2D) Convert picture ext
U988 TURBOCAT Auto catalogue your disk library
U989 ZOOM-UP DISK MAKER V4 -very useful
U993 IMAGINE STUDIO V2-(2D) The best PD image
available rival even thecommercial costing hundres of
U995 POWER-CACHE 2-Speed up disk loading,Access
U970 HARDDRIVE SECUPITY II Large collection of HD
grame eg Lockout2,Password & many more
U971 MEGA-DISK & FLOPPY DISK DOUBLER (Equ
U973 CHEAT FOR 800 + GAMES, LEVEL CODE V3.
U974 HD-GAMES INSTALLER 2 Over 100 games to
Rise Of the robot,Mortal Combat2 & more
U975 DMS V2.04 Pro, Chrnich entire disk. (not 3)
U976 MAGIC SELECTOR V1.4 (2disk) Magic WB back
U977 MAGICWB ICON ARCHIVE (3) 1000's of MAGIC
U998 X-PASSWORD-protect your hard/floppy drive
U979 ICON ADVENTURES 1(93 s of scirnal looking Amiga
U994 TEXTURE STUDIO. Render Various Textureflor
3 ect req FPU and 1.3)
U995 PRO-GAMBLES V2 -must for all gamblers.
U996 BOOKIE BEATER- gambling programme to win boone
U997 PARNET INSTALLER 3 -Install the game to HD
U998 EXOCTIC RIPPER V3.b Latest ripper
U999 HD MEMORY (new collection) require MMU
U1000 DISK-DUPE WIZ 3.5 (2DD) make 3.5 backup button
U1001 CAR DATA ANALYST-check your car performance
U1002 TURBO CAT-(WB 2&3 only) catalogue creator
U1007 ULTIMATE WINDOW 1.0a (2disk) Latest version
U1005 BASIC-ELECTRONIC-Teach all about eletronic
U1006 KITTO LUNAR V2 Update latest fetter programme
U1007 ALL NEW HARD-DISK & FLOPPY DISK UTIL 0
U1008 HARD-WARE PROJECT 2 (2) Build dozes of
to fit Amigas in a tower case
U1009 DATA ALERT 3-explain why your computer crash
U1010 WB2.04 INSTALLER-install A500+/A600 to HD

PUZZLE GAMES II

Massive collection of all the very best puzzle games ever released including some of the classics like Rubic-cube, Picture-Puzzles etc.. much too many to list. Very popular

5 disk pack only £4.99

ARCADE GAMES II

COLLECTION OF THE VERY BEST SHOOT EM UPS MUST FOR ANY GAMES PLAYER

5 disk pack only £4.99

BOARD GAME II

The very best board games ever released.

This pack contains the very latest CHESS, CHECKER, SCRABBLE, MONOPOLY & DOMINOES recommend **5 disk pack only £4.99**

Printer Pa

5 disk pack with all the latest printe specially designed for printing out letters, documents, text & pictures ect. and to print out A5 Booklets (ver handy)

A must for any Amiga owner wi

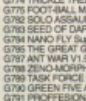
Printer Pack (5 disks) onl

GAMES

G222 MEGA 21 GAMES amazing 21 games
G235 DRAGON-CAVE brilliant 3D puzzle games
G240 QUADRIX very addict excellent
G242 TAKE EM OUT like to Operation wolf
G253 DESTINE MOON BASE Arcade conversion
G272 TANK BATTLE 2 player tank battle game
G278 ARCADIA the best ARKNOID clone
G300 Q-BOID cross TETRIX and INVADERS.
G303 DIMENSION X 2 player LIGHT CYCLE GAME
G310 NEBULAR Excellent 3D shoot em up
G316 GALACTIC Excellent 8 levels arcade
G317 HYPER-BALL Speed ball +level editor
G320 GHOST-SHIP Very good 3D adventure
G325 BATTLEMENT hunch back of notcha
G326 MEGA GAME COLLECTIONS II 3 top games
G329 MADONNA NUDE PUZZLES for 18+ only
G331 GRAVITY massive space exploring game
G333 CYBER-NETIC Brillant 8 way blaster
G334 DONKEY KONG -(A1200 order code AGA296)
G336 KRAZY SUE 8- best platform to date
G342 SUPER SKODA CHALLENGE (& track editors)
G344 STAR-TREK similar to RAID2 but harder
G355 DOODY very cute & extremely addict
G356 WONDER LAND amazing graphic recommend
G362 DELUXE PACMAN + best pacman ever release
G367 CARD GAMES collection
G368 MAZAMA-DOMAINS-dugeon type games
G370 KALATRIZ (not A1200) arcade tetric clone
G373 AIR ACE II Very playable shoot em up
G384 OTHELLO best PD version
G386 MOLE IMPOSSIBLE very addictive puzzle
G390 TETREN most polish Tetriz ever release
G392 STRIKEBALL brilliant base ball clone
G394 SUPER BRITAIN (not A1200)
G400 FIGHTING WARRIOR like street fighter
G404 DOMINOES only one of it kind on PD
G406 TOTAL WARS -strategy like chess in space
G411 BATTLE CAR 2- 3D racer racing
G431 NESTER CARD GAME- hours of fun for a quit.
G436 ROULETE -smercan roulete excellent
G438 TRAILBLAZER 2 C64 conversion
G441 TYPE 3 very good asteroid great graphic
G443 OLEMPIAD DISK (2D) Olympic sport events
G445 DESCENDER GAME- tank, search & desender
G446 ARC excellent Arcade/Puzzle game
G448 PARACHUTE JOUST quite playable
G455 CASTLE OF DOOM V3 graphic adventure.
G460 WIBBLE WORLD GIDDY Large platform game
G467 CRAZY CRUIT- good fruit machines
G478 AMOS CRICKET cricket games
G489 EXTREAM VILONCE 2 player battle out
G490 ENGLAND MACHINE semi challenging puzzle
G490 MEGA BALL 2 very playable break out clone
G491 BOUNCE & BLAST brilliant platform 10/10
G492 ZOMBIES & DEFENDER 2 fantastic games
G494 MECANARRY SIMULATION 3D wars games
G499 LIFE -simulation very interesting
G500 TRANSPLANT dozen of level fast arcade.
G501 KLAWZ THE KAT-great platform games
G511 HIGHWAY HELL like SPY HUNTER on the C64
G513 OPERATION FIRESTORMS-brillant
G534 CASTLE KLIMQUAT similar to Alien breed
G535 BLACK DAWN brilliant graphic adventure
G538 MORIA 5.4 The latest Dungeon & dragon
G539 BRIDGE Good version of bridges
G540 CRK ATTACK bloody adventure

G541 REBOUNCE 2 player futuristic breakout
G542 HAND THELL-Brilliant car racing
G544 SUPERTOM CAT New vertical shoot am up.
G545 KUNGFU CHARLIES ma with platform brill.
G546 RAID 4 latest vertical scroll shoot em up
G548 QUIZMASTER very good quiz programe
G552 ELEVATION games base on lift ??
G560 IMPERIAL WALKER -Base on STAR WAR games
G567 STARMASE 13 (2D) Brl like MONKEY ISLAND
G657 AMOS LOADSA MONEY best FRUIT-MACHINES
G659 MR MEN OLYMPIC (2D) many event to complete
G660 4 LITD DREAM 4 small hand held games0
664 NEIGHBOUR GAMES (2D) base on the TV series
G665 TIME RUNNER (WB2/3) Brillant graphic
G667 GOLF (2DISK) One of the first & bleient GOLF
G668 AMOS CRICKET 2 New Amos cricket simulator
G669 MUGSY REVENGE gangster graphic adventure
G672 JIGSAW (2DISK) very playable igsaw games
G673 BOBBY GARDEN + DIGGER (NEW) Brillant
G674 HIGH OCTANE Fast car racing (notwb1.3)
G675 TIME RUNNER amazing graphic adventure
G690 SPACE-INVASION 2 - Fantastic Galaxian
G691 AUTOMOBILES - PD version of SKID MARK brl
G692 BANDIT MANIA - Brillant fruit machine damo
G695 PROJECT BUZZ BAR -Brillant asteroid
G699 GUN FIGHT (not A500/1.3)
G690 THE REAL POPEYE 64 (a500 1.3 only)
G692 SYSTEM DEFEND-Brillant Defender clone
G698 AMGA-BOY-Game boy emulator + setup
G732 DETHELL IN SPACE. Recommed.
G735 OVERLANDER (brillant arcade MOON ALERT
G737 SERIOUS BACKGAMMON The best in PD BG

G772 SCHNEIBTZ Commercial quality puzzle games
G875 DELEXE GALA v2.3(new) add new feature &boune gamme + 2 player RECOMMEND. get it now
G876 THE KHLLIAN INCENDENT like ELITE2/Epic
G878 QUANTUM-Maze colect & escape type games



101 GAMES 2
PRICE ONLY £10.99
This is the very latest all new 101 games compilation pack 2 containing some of the very best in PD games like Zeus, Wonderland, Dragonflies etc. Much too many to list
COMPATIBLE WITH ALL AMIGAS
All games are selectable from an easy to use menu & most games come with full playing instructions

G771 STAR WOID (2 Disk) brillient Thrust
G772 UN-SENSIBLE SOCCER very similar toSensible scoccer games. RECOMMEND
G773 FINAL MANIA -Brillant Fruit machine.
G774 TRICKLE TREAT -like DOOM on the PC
G775 FOOT-BALL MANAGER-new version
G782 SOLO ASSAULT 3D like Wing Commander
G783 SEED OF DARKNESS-Brillant graphic adven
G784 NANO FLY Superb explore game RECOMMEND
G785 THE GREAT GOLD RAID -very addicted
G787 WAT WAR V1.9 (LATEST) not 1.3
G788 ZENO-MORPH -Great gratic
G789 TASK FORCE very good MIND SHADOW clone
G790 GREEN FIVE Amazing 3D graphic like
G791 PROFFESIONAL BINGO CALLER
G792 MARTIAL SPIRIT like Street fighter II
G796 EXCELLENT CARD GAME'S collection
G809 BLITZ 2 fast action shooting games
G810 EXIT 13 Brillant puzzle
G811 TEMPORAL MISPLACEMENT-graphic adventure
G812 ADAY AT THE RACE-V.Goodhorse racing games
G820 BOULDER ORIGINAL with 80 level
G821 BOULDERDASH cave/level Construction kit
G822 BOULDER COLLECTION 2(5 160 level (2disk)
G839 BOULDER PACK with 640 level on 8 disk
G860 ALIEN NET WORK-new Spacing invader
G862 BATTLE FORCE excellent text adventure.
G863 GNU CHESS the best chess with 10 level
G868 SWORD OF YIGG Graphic adventure
G867 POWER-TETRIZ for 1 or 2 player
G868 SUPER SMASHING TETRIZ
G870 CHESS II & CHECKER One of the best around must for all CHESS or CHECKER player
G871 GRAVITY FORCE 2 1 or 2 player thrust clone

NEW 101 GAMES PK 3

new 101 pack 3 contains over 100 games. run on all Amigas only £11.99 offer buy any 2 pack together & recieve a free £4 token for use with next order "this offer cannot be used with any other offer current & subject to condition apply

G879 RAG TO RICHES - like MONOPLY
G884 MINT-mindless shooting game
G885 GODZILLA - monster shooting
G886 SUPER MEGA FRUIT- All new Fruit Machine
G888 DRIVING MANIAC 3D (fill vector likeind500) car racing- very fast, RECOMMEND
G889 PLANET FALL - Luner Lander clone
G891 BUCK TOOTH ADVENTURE Very good multilevel shoot/collect am up RECOMMEND
G892 PING 2- Nice type games. Recommend
G893 SUPER OBLITERATION Blast asteroid veryaimilar to PANG 2 lot of weapon RECOMMEND
G894 SUPER INVASION II - New SPACING INVADER
G897 THE SHEPERD Brillant POPULUS clone. REC
G898 ALIEN GENOCIDE (2) Shoot aliens set in spice.
G899 PUCKMAN. One of the better Pacman around.
G900 SUPER-BATTLE ZONE-3D (not WB1.3)
G901 M*A*S*H a (ANTWAR 2) play very similar toLEMMING & WORM, with load of Weapon (Brillant)
G904 LAST SOLDIER (2) multilevel platform games
G905 CBBERTECH (2) excilent ALIEN BREED Clone
G906 HANGMAN any one for a game?
G907 ACE SPACE nice Platform games
G908 ALIEN BREED-Rebirth-disk type puzzle games
G910 HARRY-HADOOCK- Brillant platformer games
G912 MANGLE FENDER -Brillant, Smash up othercar/tank ect to win. extremely addicted, get it
G913 ARCADE GAMES CLASSIC Vol 1 & 2 (2d)
G914 HELICOPTER-play like Desert strike
G915 COW WARS. Very addicted 2 player games
G916 BLITZ -Play like Monopoly
G919 C&P THE LOT Pro Latest Lottery preditor
G920 LOTTERY PROFFESIONAL This version use
G921 MONOPOLY Bgard games. The best version
G922 JET WILLY 3 - excellent platform clone
G923 FLAMMING ENGINE-Superb car racing
G924 POWER MACHINES. Grahicaly brillant shoot
G925 SLICE-MACHINE Operation wolf style
G926 ZAXXON 3D Superb C64 3D blaster games
G927 BOING V3. Great platformer. recommend
G928 PLUTO-Arcade horse racing games
G929 ARCADE JIGSAW (2d) include LION KING
G930 WHEEL CHAIR GLADITOR-Very fun to play
G931 NIMBLE-Brillant New arcade puzzle
G933 BLACK DAWN 3- THE NEW BEGINNING (2) Superb 3D adventure. RECOMMEND
G934 R3 ROCKET (NEW)very good rockets games
G935 BATTLE SHIP- the finest PD version
G936 LAST LAP - Fast car racing

GAME HINTS & CHEATS II

Play your favourite game for ages? but can't get to the end of the level or game? Having problem with some games? 5 disk pack with 1000's of games cheats/ help/level code action replay poke etc should help you finish many games suitable for all Amiga only £4.95 Update & release on 29 July 95

EDUCATION

E001 KID PAINTS. superb paint special for kids
E002 COLOUR IT brillant computer colouring book
E003 TREASURE SEARCH find the hidden treasure.
E004 LEARN & PLAY (not A1200)many maths & games
E005 LEARN & PLAY II more education programmes
E006 SPANISH TRANSLATOR (Spanish>> English
E008 MR MEN (WB1.3only) brillant story programme
E009 ASTROMY tutorial on solarstator ect system
E010 SIMON & SPACE MATHS maths & simon games

E011 EDUCATION PACK 1

packed with dozen of education programs ranging from maths, science to educational games recommend suitable for any Amiga. 5 disk pack only £4.95

E011 EDUCATION PACK (5 Disk) pack with lot of ed program ranging from maths to games recommended
E019 DINOSAURS teach you all about Dinasaour
E020 WORLD DATABASE - square (Learning)
E021 STORY LAND II interact puzzle games rec
E022 LANGUAGE TUTOR teach you 4 language
E023 SPELLING TUTOR DURING BOOK (2) Detaint bril
E024 EASY SPELL II improve your kid spelling
E025 SCRABBLE require 2-player. brillant
E026 WORDS can help you solve the crossword
E027 OSWALD Very colourful large cartoon game
E030 EVOLUTION breed your own hybrid
E031 IQ TEST + IQ GAMES pack 1 excellent
E033 TYPING TUDOR very good typing tudor

EDUCATION & 21 GAMES pack

Collection of the very best of education program & a 21 games pack. a very popular combination for kids. (run on all Amigas) 5 disk pack only £4.95

E035 CHESS HELPER help/teach how to play
E036 BASIC TUDOR learn about Amiga basic Prog
E036 AMIGA TUTORIAL 7 part tutorial
E039 COMPUTER CARE how to care about AMIGA
E040 GUIDE TO LOWER BACK PAIN tutorial the spine & how to avoid back pain. (recommend)
E041 KID ALPHABET-disk type puzzle games
E042 FRACTION & SILOUEST maths & games excellent
E043 MATH MASTER teach/test you more on maths
E044 STRIKE BALL ENGINE V2 games & utilities
E045 PETROL ENGINE tutorial & animate graphic
E046 GAS TURBINE ENGINE tutorial & anim graphic
E047 STIRLING ENGINE tutorial & anim graphic
E050 DREAM FOR ANGEL explain the meaning of dream ED51
INVISIBLE WORLD brilliant recommend
E052 FISH TANK turn your screen into an FISHTANK
E054 DEMOLITION MISSION simple game for kid
E055 WORM (POWER solve crossword puzzle set good.
E056 WORM HOLE game ideal for children.
E057 APPLE CATCHER catch falling apple brillent
E058 CROSS MAZE & CRYPTOKING 2 excellent kid games E059 VERB QUIZ find the word & it related. Brll
E061 KING JAMES BIBLE (kid) complete bibles excel
E062 TYPIST-new typing tutor
E068 GALLOW fancy is games of hang man?
E070 MATH DRILLS teach all basic math skill Vgood
E071 SPACE WAR-info why your amiga crash
E075 WORLD-WAR 2 graphics tutorial on WORLD-WAR releste pro-gram eg simulate Starprober molecube/ ect
E076 SCIENCE - an excellent collection of science ideal for all who interesting or studies in science recommend. this pack come on 4 disks
E080 KIDPREX great children paint programme.
E081 ASTROMY PACK- This is a mazing collection of programe relate to astromy. can help to locate certain or star position ect. must for anyone who dicuss astromy or hobby. great (4DISK)
E073 PICTURE & LETTER learn to reads- first step
E074 AMIGA BEGINNER GUIDE tutorial on Amigas
E085 NOODLY PLAYTIME demo >Very good
E080 KID PIX more excellent paint programes
E081 D.T.P FOR KID easy to use, excellent
E092 SING A RYHMES sing a song
E094 HIGH WAY CODE TUTOR question on highway code E096 READ & LEARN (2D) THREE LITTLE PIGGY Story
E097 BACK TO SKOOL vol 1 collection of the best
E098 BACK TO SKOOL vol 2 in education programe
E099 BACK TO SKOOL vol 3 & games. RECOMMED

E100 LITTLE TRAVELER information on world wide
E101 WORLD GEOGRAPHY world with map & fast
E103 DISK DOCTOR 2 find the hidden treasure. Abm
DESK TOP GUIDE TO MUSIC(3D) guide & tutorial
E107 TRUMPTY FIREWORK ALPHABET Very entertain
teach you about 1/96 the ALPHABET
E108 HOW TO DELOVOPE PHOTO 1 (2) Excellent
E109 GREAT MOMENTS OLYMPIC (2D) many event to complete
E110 CULT TV DATABASE (2D) info on early TV series
E112 HOW TO DELOVOPE PHOTO 2 (2) delevoce
E113 CLONE WORKBENCH (2disk) Create A Perfect
THE EARTH BEGAN-theory how the BIG BANG explo
all the star & galaxy
E118 WORKBENCH 2 tutorial on Work Bench 2
E119 DINO WAR Quiz on dinosaurs
E120 JUNIOR MATHS Great learning aid for teach kid
RECOMMEND
E121 PICTURE PUZZLE brillant JIGSAW type games

KID DISKS 1,2,3,4

Excellent collection of education programs ideal for kids with lots of activities for kids to learn & print ment. 5 disk only £4.99 or order separate for only 99p per disk. Brillant Cocde KID DISK 1,

E122 WORD FACTORY Brillant, teach kid words
E123 KID DISK 1- Brillant education pack E124 KID DISK
education programe
E125 KID DISK 3 (DTP). Drawing program for kid
E142 KID DISK 5 & 6 - 2 disk full of brillant games
E126 JURASSIC PARK lots of info on dinosaurs
E126 CHRISTMAS SONG 2 computer 5 excellent song
E127 MING SHU (A500 only)Brl Chinese Astrology
E128 PRINT MASTER PRO V3-The best printing program
calculate the position of the planet, eclipe, zodiac positions
Recommend
E130 PERFECT VERD TESTER should help you with
CULT TV DATA BASE II (2 DISK) info on early TV
E130 WORLD HISTORY BOOK
E120 LITTLE TRAVELLER (2) Information on world wid
E134 X-FILES-Guide to the TV series very interesting
E148 CHESS & TUTOR - PULLteach you how to play
INTERNET-A guide to internet & superhighway
E161 CU & SHELL TUTOR (help). Ideal for beginner
E162 DELUXE PAINT ENHANCER TUTOR 5 & 6 RECOM
E164 JAPANESE - teach you the japanese language
E164 PAINT IT (not A500/1.3) latest COLOURING BOOK
E165 KEY BOARD TRAINER-Teach you to type
E166 WORD POWER- spellcheck/crossword solver/ect
CROSSWORD CREATOR-design crossword
E169 CHESS II & TUTOR (2disk) Excellent games
E170 HISTORY OF AVIATION Vol 1 Excellent disk
E171 CHILD FAVOURITE-Education prog
E172 ANIMAL PAINT-Animal fun for kids
E175 GRAPHIC GUIDE TO COMPUTER (2D) brillant &
CYBER PUNK 2 for cyberPunk freak only
E176 STEVE BIKO'S PARTHEID AND APARTHEID GERENATION
must for statrek fan contained 100s of picture from the seri
SERIES 1
E181 SIGNTURE CREATOR customise your own signa
VIRUS WORKSHOP V4 comprehensive guide
E184 MARNEYS WORLD 3 riddles
E185 WORKBENCH 2/3 GUIDE On line help/Complete
E210 LEARN & PLAY 3 Latest Education & Games
E246 BARNEY the info why your BOES CAMPING (2d) Brillant
child about animal
E241 COMMS GUIDE V1.1 beginner modem user
E242 GUIDE TO EUROPE an excellent geographic guide
weather, recommend
E245 MATH ATTACK- Maths relate games for kids
E245 ANIMAL PUNK- ideal for young kid. Execel
E243 PICTURE-MATHS-Maths program for kids
E246 BRILLIANT GUIDE TO WB 3 (A1200 only)
E247 GLOBE FACT(2) fact about planet earth
E248 KID ONLY. 6 excellent

VARIOUS PACK

pack comes on 5 disks
£4.95 per pack

OUR FONTS pack (1 or Pack 2)
O FONTS Pack (1 or Pack 2)
quality fonts for use with DPaint of Personal Paints

OUS CLIPART pack (1,2,3 or 5)

OUR WORLD MAP (Pack 1,2 or 3)
quality world map

PUTA-GRAPHIC FONT (Pack 1,2,3,4 or 5)
quality font for WORDSWORTH or any DTP

ONE VARIOUS OBJECT(Pack 1,2 or 3)
AL 3D VARIOUS OBJECT(Pack 1,2 or 3)
TWAVE VARIOUS OBJ (Pack 1,2 or 3)
E FONT FOR ABOVE (Pack 1,2 or 3)
se state for which pack above)

also stock many more packs. Please Phone

COMMODORE C64 V3

The very latest version. Now you can play real Commodore C64 games on your Amiga All pack below are complete & ready to play directly on your Amiga. Printed instruction provide

C64 & 45 original games.....£4.99
C64 & 100 original games.....£8.99
C64 & 200 original games.....£16.99

Ps. C64 & 100 games pack got 88% review in Amiga Shopper Issue 54

ZX SPECTRUM 48K

Now You Can Play 100s + 100s Of Spectrum 48K Gameson Your Amiga. Any Pack Below Is Complete & Ready To Run On Your Amiga. Full Printed Instructions Provided

SPECTRUM & 50 GAMES PK1 ONLY £4.99
SPECTRUM & 100 GAMES PK2 ONLY £7.99
SPECTRUM & 200 GAMES PK3 ONLY £11.99

SPECIAL OFFER
Take All 3 Packs Above & 50 New Spectrum Games For Only £19.99

More spectrum games available <.....screen shot from AMIGA

Special offer

C64 & 45 games pack
Spectrum V2 & 50 games
Vic20 & 30 games
All 3 packs for only £9.99
SEE LEFT FOR DESCRIPTION

1000 SPECTRUM GAMES pack

See left for details. This pack come on very large number of disks. rrp £39.99

NOW ONLY £29.99

+ £2.45 for parcel postage (this is due to the large number of disks in this pack)

AGA A1200 & A4000 ONLY

THIS LISTING ARE FOR USE WITH AGA AMIGA

EXTENSION DEMO Stunning demo, fast landscape anim
ating city, regard the best AGA demo
FRACTAL GENERATOR fractal in 256 colour.
WORKBENCH HACK many hack/toy/blanker ect.
NEW SUPER KILLER know iknow & kill over316 type of
for all A1200 owner
WINDWARP very first demo for the A1200
KLONDIKE DELUXE AGA (3D) the best A1200 cardgames
ours lady as cards face 18 + only
SLEEPLESS NIGHT 3
PLANET GROOVE Truly A1200 Demos
MOTOR INVADER 2 (2D) Brilliant INVADER game
POINT OF SCALE Great A1200 only demos
CHROMAS- Fairly good demo.
WORLD OF MANGA (4DISK) magnificent Japanesecomic
include Japanes Chick ect recommend
MAGIC WORKBENCH improve the look of your WB& add
ction to your WB really BRILLIANT
WB 3 UTILITIES load of Wb 3 only utilities
U-CHESS the best chess program games sofar but require
es. Brillant graphic
WORKBENCH 3 SCREEN Great back drop
ADULT SLIDE Vol 1-9 (2 disk each) *see below
BODY SHOP VOL 1-7 (2 disk each) *see below
KITCHICK vol 1-3(2disk each) *see belowto order any disk
state disk code &volume no? (remember 2 disk per vol-

DEGRADER

A1200 FIX DISK COLLECTION 1
A1200 FIX DISK 2 COLLECTION 2
RELOCKIT V1.4a latest. run A500 SOFTWARE
A1200 FIX DISK VOL 3 (new july 95)
above are design to make any old A500-A600
programe/games ect to run on your A1200/A4000
FOR ALL AGA AMIGA OWNER. RECOMMEND

A1200 UTIL - AGA TESTER, SYSINFO ect
ACTION REPLAY V4 Complete ACTION REPLAY.
MAGPIGHTER 2 brillant street fighter clone
AGA BLITZ SCREEN BLANKER
FAST GIFF 2 display GIFF pic In Workbench.
AGA DIAGNOSTIC - NEW system tester
BLACK BOARD AGA decent image processor
QUICK GRAB AGA -grab AGA screen PICTUREAGA110
BEYONDS 1 (3) stunning 256 COLOUR fantasy art.
user slideshows
SMELL LIKE CHANEL NO5 brillant demoray trace picture
se on the A1200
MAGIC FACTORY 1 STAR TREK (5 disk)
AGA UTIL v1&2 (2) AGA util compilation
AGA UTIL V3 &4 (2) more of above
MULTIBOOT- 4 various version A500 EMU
OFFICIAL WORKBENCH 3 HARDDRIVE INSTALLER
WB3 HARDDISK PREF & INSTALLER installing
CROSS DOS PLUS v5.1 read/write PC files
SUPER LEAGUE 3 -latest manager games
SPEAK & SPELL - educational software for kid
BIG TOPS (18 + only)HMMmm
KELOG LAND -brillant platform games
ACTION REPLAY V5 - NEW UP DATE TO V4
GER TRIZ very playable 256 colour tetriz
FATAL-BLOW new STREET-FIGHTER 2 clone
CINDY CRAWFORD Vol1 (2 disk) latest release
INFESTATION (3 disk) The ultimated AGA demo
CINDY CRAWFORD Vol 8 (2disk) Amazing
VIDEO TRACKER AGA-ultimate demo maker
MAGIC WB EXTRA vol 1 & 2 (2disk)
GIF BEAUTIES Vol (11-18) 8 more girls disk
FRIDAY AT 8 another brillant AGA demos
ASSASIN MULTIVISION AGA pic viewing util
ALIEN FRENZE 2 player blasting-power up
BIG TIME SENSUAL (2disk) SPACE BALL 2
MASQUERADE 2disk brillant puzzle games.
RAM JAM 94 it cat be done (2disk)
EXPLIXIT 2 DEMO new effect welldone.
COMPLEX ORIGIN 2disk require 2 diskdrive
TREASURE OF TUTANKHAMUN- eductasion tool
LOVE 2 disk-simply brillant DEMOS
AGA UTIL 7 & 8 (2 disk) .More USEFUL util

AGA234 KNOTTY-Stunning AGA sliding pictre puzzles
AGA240 LOTTERY WINNER hope fully will improveyour chance of winning a jack pot .GOOD-LUCK
AGA241-250 AGA GAME-GALORE AGA 01-18 lot of games
AGA251 PACKMAN AGA -the best pacman yet
AGA252 ROCKET PD - Super thrust clonebrillant graphic for 1 or 2 player
AGA253 REAL DEMO stunning special effect
AGA254 DIRT AGA Brillant 256 colour effect.
AGA255 DELIGHT EXPLORE excllent demo
AGA256 KEFEREN AGA Demo lot of effect
AGA257 MINOMIST RAVE great rave music.
AGA258 OXYGENE Fantastic demo
AGA259 INTEL-OUT another very good demo
AGA260 SOMEJUSTIC94 Demo of the monthbrillant whirl effect, RECOMMEND
AGA262 TO THE DEATH very good STREET-FIGHTER clone with very good graphic.
AGA263 GEORGE GALAXD (2disk) brillantmultilevel shoot/platform game. RECOMMEDN
AGA265 MISSILE OVER ZENON (2disk) Brillant3D missile commander with fantastic graphic
AGA268 TEAM-HOI DINO PLATFORM excellent dinoplatform Note:this disk was a commercial games
AGA274 MUSIC 2 SURVIVE 2disk 8 excellentmusic master piece. well worth getting
AGA271 RAVE MAXIMUM OVERDRIVE II (2disk)
AGA278 CHANNEL Z ISSUE 1 (AGA) (2disk)
AGA base disk magazines. RECOMMENDAGA disk magazine topic.demo/music
AGA295 WORKBENCH BACKDROP VOL 3
AGA295 DE-LUXE MONOPOLY- Board game.V addicted
AGA295 DONKEY KONG Arcade classic conversion
AGA297 BOMB PAC Extreamly good to play
AGA298 ROCKET 2 set deep underground brillantgraphic. even better with 2 player
AGA299 SCRABBLE-Now fully run on all Amiga
AGA300 MAGIC WB V2. Demo of version 2
AGA302 TUTANKHAM II(2) Education-Egyptian MUMMY
AGA303 PAMLA ANDERSON.(2) 18+ only BayWatch Babe
AGA304 BODYSHOP V6 (3) more bikini beauties
AGA305 TIMEZONE (2) V.Good graphic adventures.
AGA307 DENTAWOLF dooms demo
AGA308 NAXIS -Really shoes what AGA graphic co do
AGA310 FEARS (2d)- dooms clone demo
AGA312 JINX (2d) Fantastic arcade puzzle
AGA313 RAM JAM THE TASTE DEMO.very wicket demo.
AGA315 ILEX MYSTIC. New AGA demos
AGA320 KLONDIKE 3 (4disk) Hd require & 2meg+we aslo have a list of 25 cards for above.
AGA321 HOT-BABE 1 (2) MUST BE OVER
AGA322 HOT-BABE 2 (2) 18
AGA323 HOT-BABE 3 (2) BEFORE
AGA324 HOT-BABE 4 (2) ORDER ANY
AGA325 HOT-BABE 5 (2) OF THE HOT-BABE PACK
Hundred girls Magic wb icon & back drop
AGA388 DESK-TOP MAGIC- 3D animated screen blanker
AGA389 WAR OF THE WORLDS -full 3D games
AGA390 FEAR 2. Brillant 3D graphic games like
AGA391 PSSST Amiga version of Spectrum games
AGA392 CHILD MURDER(4)Horror graphic adventure
AGA390 FEAR -Brillant 3D game play just likeDOOM on the PC Garnteed you impress.
AGA393 PC EMULATOR V3- Latest PC emulator
AGA400 HYPER RACE (2) Super racing games
AGA410 CINDY CLAWFORD (3) new
AGA411 ELLE MACPHERSON (3)
AGA412 CLAUDIA SCHIFFER (3)
AGA413 BIG GIRLS II (3)
AGA414 GIRLS GIRLS (2)
AGA415 NIKY TAYLOR (2)
AGA417 KYLIE MINOUGE (3)
AGA418 FEMALE BODY BUILDER (3)
AGA419 EXCELLENT CARD GAMES 3 latest
AGA420 POKER & BLACK JACK DELUXE (3)4MEG
AGA421 COLOUR WB make your WB more colourful
AGA422 RIDGE RACER Demo on the Amiga.
AGA423 DRUG STORE DEMOS (2disk)
AGA424 DREAM WALKER (2) Demos
AGA425 MYSTIC DEMOS(2) 95 excellent demos
AGA426 ORIGIN 2 (2 DISK), Amazing

SEE PAGE 1 FOR MORE SOFTWARE FOR YOUR AMIGA

SOFTWARE2000 DOUBLE CD CONTAIN

OVER 1965 DISKS

This is the big one! Nearly 2000 original disk from the SOFTWARE2000 library included on a Double CD set. For title list just take a look at this Doubles advert for example of titles & packs which can be found on these CDs. No lucky dip or unknown software. Full description on every disks/titles. Very easy to use menu-system on both CDs. This unique menus system lets you explore the contents of both CDs without disc swapping..... Excellent. See below.

EXAMPLE OF DISK CAN BE FOUND ON THE DOUBLE CD SET

294 VARIOUS UTILITIES DISKS,
252 ANIMATION DISKS,
181 AGA DISKS,
92 TOP SAMPLE AND FX DISKS,
402 +VARIOUS GAMES DISKS - With an estimate of around 1000 Amiga games,
50 LATEST MAGIC WB & BACKDROP Versions for all Amigas also includes
100's of Imagine Obj, 600 Amiga fonts, 100's quality B&W & colour clip art & many more

118 EDUCATIONS DISK,
133 DEMOS,
225 MUSIC DISKS,
18 DEMOS (Adults only)

ALSO INDLUDED ON THE CDS ARE

OVER 1000 & AROUND 700-1000

NEW Spectrum Games (Play direct from CD) — Both Never been released on any CD Roms — **NEW C64 Games Files (EMULATOR INCLUDED)**

- Over 600MB per CD
- Menu Compatible with All Amigas
- No duplicate of data
- Very Easy to use Menu

RRP £34.99 NEW PRICE

2CD SET **Now Only ONLY £24.99**

+70p for P&P

NEW

A1200 & A400 only

The Ultimate AGA Games Vol 1

This is the very latest 101 games compilation pack design for any AMIGA A1200 or A4000 only. All games run from a very easy to use menu. Highly recommend for any A1200-A4000 only

Price only £14.99 RRP £19.99

Available Now

Below 5 all new games pack release due to the ever popular. With any of these games packs, You know exactly what sort of games you're buying.

Like our previous packs, each pack comes on 5 disks and using the latest disk packer we can put upto 5 games disks on to one disk. So you get upto 25 top games for only £4.99. All games & Instructions will auto run when you click icon. * All Games pack contain different games * Compatible with ALL AMIGAS

Board Games Pack 3 (5 disks).....£4.99
Arcade Games Pack 3 (5 disks).....£4.99
Puzzle Games Pack 3 (5 disks).....£4.99
Card Games Pack 3 (5 disks).....£4.99

Non CD rom Owner

This pack is ideal for any Amiga owner who does not own a CD Rom drive and want large amount of the very latest software at minimum cost.

These packs will be 100% update with all new or different software on the 1st of every month, all software is packed using LHA which have a ratio of approx 3-1, (upto 10 disks worth of software from the 10 disk pack).
Highly recommend as you will get 3 x more software per disk

Various latest Games (10 disks) only £9.90
Various latest Utilities (10 disks) only £9.90

LOTTERY WINNER

EXCELLENT COLLECTION OF VARIOUS LOTTERY WINNER PREDICTION PROGRAM

HIGHLY RECOMMEND
Pack only £4.99

UFO THE CLOSE ENCOUNTER

& 100s of real life documents of UFO sightings, ...ductions & Animal mutilation and many more. ...very interesting read 6 Disk set only £5.99

UFO - ALIENS MULTIMEDIA

100s of documented cases on UFO sightings, abductions. Cattle mutilation & many more. Many with photo to back up the claim. some are so secret only released recently by law

9 disk pack only £8.99

CARD GAMES PACK II

FOR ALL CARD GAMES FANS. If You Like Poker, Black Jack, Spade, Pontoon, Solitaire, Bridge, Klondike etc then this pack is a must

Only £4.99

This pack contains 5 disks

BUSINESS SOFTWARE

U057 TEXT PLUS 2.2e easy to used word processor
U063 CASH MANAGER - home account program
U068 LABEL DESIGNER design your own labels
U077 CALC 1.5 excellent Database prog. RECOMMENDED
U144 DESKTOP PUBLISHING The best PD DTP available
U160 BUSINESS CARD MAKER (not A1200) brillant
U180 600 B.USINESS LETTER very handy. Get it now
U181 BUSINESS CARD MAKER - can Print in colour
U101 DATA BASE WORKSHOP (2) brilsant PACK
U102 SPREAD SHEET very easy to used spreadsheet
U193 QUICK BASE Very powerful Database. Easy to use
U194 ULTRA DATAMASE (2disk) Database + tutorial
U195 AMIBASE – Professional !! the best database yet
U196 TEXT can edit several documents at once
U197 ILEXI BASE Smal easy to operate database
U198 WRITE WISE very powerful database
U257 VISCALC 3.4 - Spreadsheet with functions
U258 TEXT-ENGINE V3.4 – full feature wordprocessor
U259 OFFICE – database/wordprocessor/spreatsheet
U345 HOME BUSINESS JOURNAL – easy to use database
U346 NON-APPOINTMENT DATABASE many incept
U364 HOME ACCOUNT – Account program
U365 DATA BASE (2) support as the most ppopular prog. Excellent
U369 JOURNAL full feature account program
U370 DATA BASE 3 BOOK database & word map
U380 DATA BASE correlation – best sell to date
U425 MONEY CALC calculate mortgage repayment rate etc
U426 MONEY PROGRAM very good account program
U427 ACCOUNTANTS V2.0 new account program
U520 HOUSE INVENTORY – ideal for insurance
U566 ADDRESS PRINT V2.1 store & print addresses
U567 TEXT PLUS 3 – no require HD & 2meg
U568 ENGINES V4.1 latest 36,000 word spellchecker
U569 HOME ACCOUNTS details of home contents, for insurance
U722 EDWORD PROFESSIONAL truly the best wordprocessor
U723 DATA BASE – massive, specialised version 32,563 cells
U724 PAY ADVICE ANALAZER – money prog
U725 LABELS PRINTING print addresses on labels
U880 PAY ADVICE V3 account program
U881 LABEL PRINTER – more labels etc. new
U900 THE MONEY PROGRAM – Accounts
U963 HOME ACCOUNT
U964 UNIFORM One of the best Invoice makers
U965 ACCOUNT MASTER V6.2 (latest) program
up to 1000 entries per account

18 DEMOS

MUST BE 18 OR OVER

X80 CINDY CRAWFORD (2)
X74 MADONA (SEX) (3)
X01 SHOWER GIRL
X91 BODY TALK (2)
X09 MARIE WHITTAKER
X24 SABRINA SPECIAL
X25 DIE FILKINGER
X26 MADONA EARLY DAY
X28 KATHY LLOYD
X30 MEGA-MAID
X31 CALENDER GIRL
X32 MAY FAIR
X33 UTOPIA (4 DISK)
X45 GIRLS OF SPORT
X49 PAGE 3 GIRL
X70 GON GON GIRL
X71 TINA SMALLhot
X91 CINDY CALLENDAR 95
X96 HOT BABE 1
X97 HOT BABE 2
X98 HOT BABE 3
X99 HOT BABE 4
X100 HOT BABE 5
X101 BIG GIRL II
X102 FEMALE BODY BUILDER
X103 GIRLS GIRLS
X105 ELLE MACPHERSON
X106 CLAUDIA SCHIFIFER

NEW - MAGIC WB

(IMPROVE YOUR WORKBENCH BY 500%)

this new version of magic wb are fully compatible any amiga even the very basic amiga can now run magic wb.
THE PICTURE IN THIS BOX IS AN EXAMPLE OF MAGIC WB

U995 Magic WB 1.3 .For any Amiga (WB1.3,-3.0)
AGA021 Magic WB AGA .Special A1200 & 4000

EXTRA FOR USE WITH ABOVE

***MAGIC WB EXTRA* vol 1-12 (2 disk per volume)**
TO ORDER ANY MAGIC WB EXTRA JUST WRITE MAGIC WB EXTRA & VOL REQUIRED

BACKDROP FOR USE WITH ABOVE

each disk pack with dozens of quality back drops for use with Magic WB

VARIOUS B-D 1 (4D)
VARIOUS B-D 2 (2D)
MANGA B-D 2 (2D)
SEXY BACK DROP (1D)
NEW AMIGA LOGO (1D)
MAGIC SCENERY (2D)

SPECIAL OFFER
Magic WB pack
Magic WB Vol 1-6 total (12) ..only £7
Magic WB Vol 7-12 total (12) ..only £8
Each pack above when unpacked will fill 12 disks full of Magic WB. just like above retail at £7.99 per volume
VERY EASY TO UNPACK

LITTLE OFFICE 2

New Release Includes
500 Business Letters
Word Processor
Calendar
Name & Address Database

All this for only £1.99
COMPATIBLE WITH ALL AMIGA

Harddrive & disk drive space doubler

Epu V1.6 this doubles the size of your HD or DISK Drive storage capacity. RECOMMEND

DU71 EPU V1.6 only .99p
SUITABLE FOR WB2/3

MANGA AKIRA

Brillant pack of 6 disks containing some of the best MANGA AKIRA Games, Animations, Slideshows, Demos. All based on the Japanese MANGA

6 disks only £5.95. Run on all AMIGAS

HARDWARE PROJECT III

Build dozens of project. include an a-zcreate for an A500 for less than £15 install 3.5 HD in your A600 & A1200. Put your A500/A600/A1200 in a towercase for less than £30. Use 1.44 PC disk drive on your Amiga. Add an Pocket Modem to your Amiga & many many more

this could save you £££...(not for beginner) ..... 3 disk pack only £5

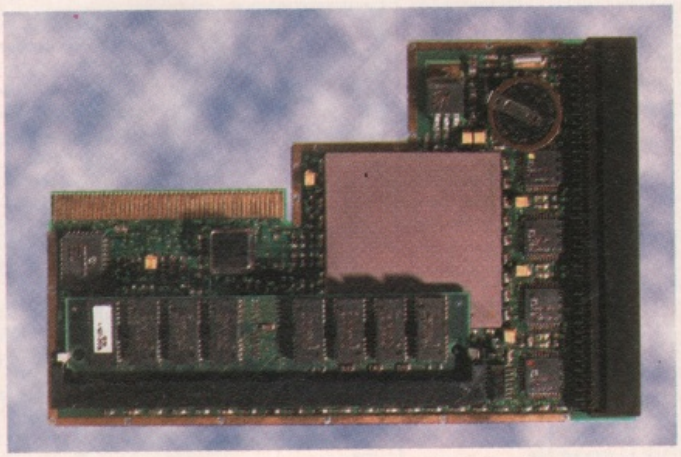
WE ALSO STOCK THE ENTIRE COLLECTION OF LSD TOOLS 1-150 SCOPE 1-220 FRED FISH 1-1000 LSD DOCS 1-46 ASSASSIN GAMES 1-200 ETC

Blizzard 1260

■ Price: £599 0Mb ■ Developer: Phase 5 ■ Supplier: Gordon Harwoods ✆ 01773 836781

The awesome Motorola 68060 CPU arrives and we test drive the fastest Amiga 1200 ever.

Accelerator cards have always been amazingly popular for the Amiga 1200. They became essential as Amiga users graduated into using more and more powerful and resource hungry applications. The 1200's stock 14MHz 68EC020, however, is way under powered. 68030 cards are commonplace and for a long time this has been the limit of how fast an Amiga 1200 can go. Until the oven-on-a-card Falcon 68040 arrived, that is. Now, with the Blizzard 1260, the base model Amiga goes faster than it was ever thought possible.



Here at last

Last year, hopes for a 68060 accelerator remained partially dashed as Motorola broke promise after promise of delivery dates for the 68060 CPUs. The 68060 is a departure from the usual manufacturing technology of the previous CPUs. It runs with a 3.3 Volt power supply rather than the usual 5 Volts. That means that even though this latest generation 68000 series CPU has over two and a half million transistors on board, the heat generated is substantially less than the 68040. This is a great advantage as the Falcon 68040's main problem was excessive heat generation.

The 1260 doesn't come cheap. £600 pounds is a fair bit more than the entire Amiga 1200 is worth and it's likely only very speed hungry Amiga users could justify this much money to go this fast. Still with an air of excitement in the office, we pulled it out of its box to give it a test run.

Hardware

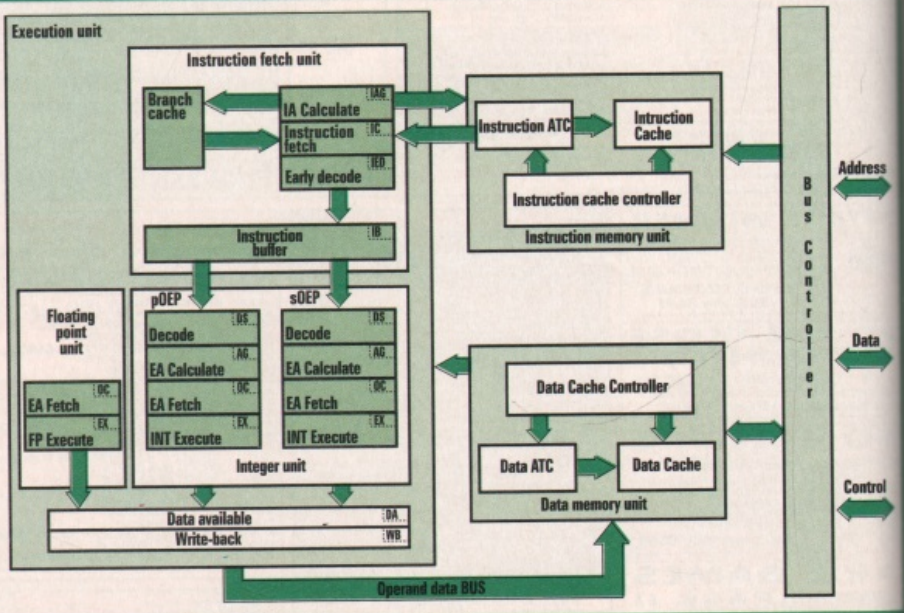
The Blizzard 1260 is extremely well constructed. It is made up of a high tech four layer printed circuit board with very small surface mounted logic components. There is also a very large surface area in the centre made up of five square grey centimetres of the largely unmarked 68060. Also, unlike the Falcon, the entire business is mounted on the underside of the card like 68030 accelerators.

There's no cooling provided for the CPU at all, though with the large surface area it didn't seem to get as hot as 50MHz 68030s do. The inclusion of a battery backed-up clock is a bonus and gives the Blizzard an edge over the Falcon which doesn't have one.

The now standard Blizzard feature of an edge connector for the DMA SCSI module is also present. It uses the same unit as the Blizzard 1230 Mark IV. Even more good news is that SCSI add-on also has another SIMM socket which takes up to a 128MB SIMM (we should be so lucky) while even the standard SIMM socket takes up to a 64Mb unit. However,

The 68060

The 68040 introduced massive 8K data and instruction caches as well as drastically reduced cycle time for existing instructions. This made the 68040 the largest leap in performance in a generation. The 68060, however, incorporates many of the modern CPU architecture tactics used in the very fastest of today's modern processors. This means that the 68060 is miraculously able to execute three instructions for every clock! The built-in FPU performance is even more astounding, mainly due to the so-called 'superscalar' implementation of two separate parallel execution pipelines. The bottom line is that the 68060 is fast. As fast as any processor capable of running 68000 series code is going to get as sadly this is the end of the line of the Motorola 680x0 series. Here's a diagram of its workings for posterity.



Because the CPU is so large, it intrudes on the space where a SIMM would protrude from the SIMM socket. That means a double sided SIMM will not fit.

Fitting the card was no more or less difficult than any other 68030 accelerator though it was a good deal easier than the Falcon! As with the Blizzard 1230 Mark IV, the unit can be entirely disabled by holding down the '2' key during a reset. A good thing too as you wouldn't want to be constantly removing and inserting £600 worth of hardware, another bonus point.

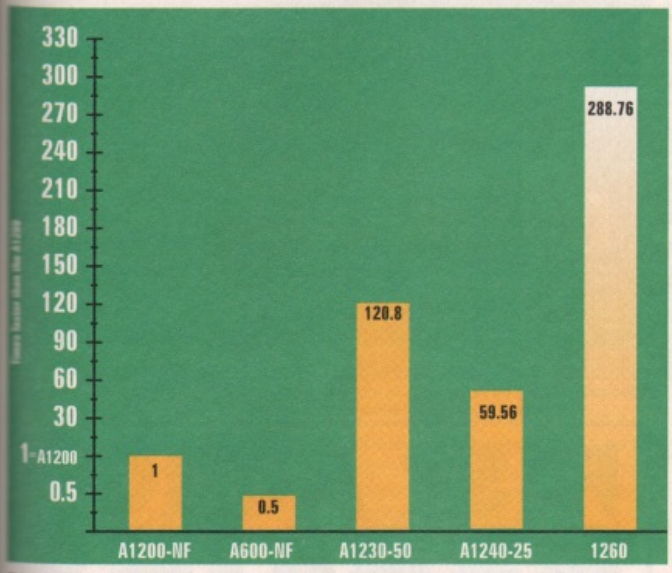
The only jumper on the entire card is to set MAPROM on or off. If enabled, the card will automatically copy the contents of the Amiga's ROM into fast RAM which will provide a good speed up to operating system functions at the cost of 512K of RAM.

68060 library

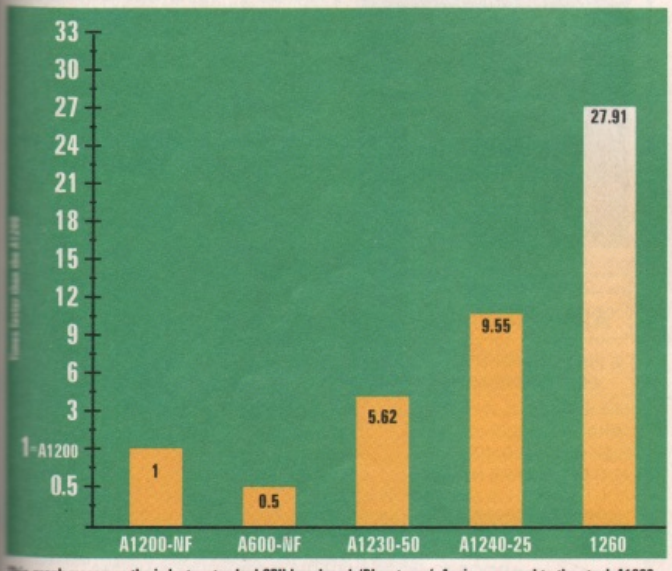
Unlike standard 68030 accelerators, there's some software which must be installed on the host machine before using the card. This takes the form of a 68040.library and a 68060.library. The 68040 library will detect if there is a 68060 present and direct that library to be used instead. Setpatch actually installs the patches whereby 68040 support is added. The reason for this is that the FPU units built in to the 68040 and 68060 are not full implementations of 6888x FPU code. The patches intercept any use of unimplemented instructions and execute the special 68040/68060 FPU code needed. Apparently this way is quicker, though when programs make heavy use of the unimplemented 6888x instructions, performance will suffer greatly.

For this reason the disk provided comes with a rather poorly documented 'CyberPatcher'. This amazing software will actually patch any programs running to use 68060 FPU code. The effective performance boost is amazing as we found with our *Imagine 3.0* cover disk. It's recommended that the patcher be dropped into WBStartup. Also provided on the disk is a replacement for the 68030 MMU using Enforcer debugging tool. A very welcome addition. There's also a developers program to detect instructions the 68060 does not support.

Finally a new C: command called CPU060 controls the 68060's modes such as Caches, copyback and superscalar mode which are all very comprehensive. However, I would have liked to have seen a GUI CPU preferences utility too and better documentation of the utilities provided.



This graph taken from AIBB measures the Blizzard 1260's performance with a typical ray tracing algorithm using floating point instructions (FPU code). Tellingly, it reflects how poor the 68040 is at standard 6888x code with it's unsupported instructions being emulated. The Blizzard patching software comes to the rescue allowing the patched 68060 FPU code to perform the task nearly 300 times quicker than a stock Amiga 1200!



This graph measures the industry standard CPU benchmark 'Dhrystones'. Again compared to the stock A1200, it's a rough gauge of CPU oomph at crunching non math related tasks. Note that it's not as spectacular as the 68060's maths performance as shown in the trace test above.

How fast?

Now down to business, how fast is the Blizzard 1260? It's very fast. After installing in my own (normally 28MHz 68020 kitted) machine, I was shocked at the drastically reduced boot time (a few seconds) and the speed that icons appeared when clicking on a drive from Workbench. The trouble is that the CPU is so very much faster than the Amiga's display is capable of moving so that in some instances it might appear that the machine isn't as fast as it actually is. Rendering a saved scene in *Imagine* rapidly dispelled that illusion. A quick render took but seconds to arrive and a full render lingered just a fraction of the time it did before. These things are subjective though. What's needed is some cold hard benchmarks and for that I turned to the PD bench marking tool, AIBB (see left).

To avoid a guru, AIBB needed to be told that the CPU is a 68000, the FPU a 68882 and then I force fed the clock speed. Normally very reliable, AIBB didn't quite know how to deal with the 68060 without the manual overrides. Fortunately after this it was well enough behaved to create a 'module'. The module is included on this month's cover disk in the AIBB directory. Normally you can wait around for half an hour for AIBB to perform all those tests. The Blizzard 1260 finished it in a ridiculous 1 minute 45 seconds which caused to us double check that it actually did perform the tests!

In order to test for any compatibility problems, I ran virtually every program I could from my hard drive. Not one program caused a problem except that Power Computing's *Breathless* crawled along slower than a standard A1200. Strange.

There were only a couple of serious hardware incompatibility problems that we found. Firstly the unit didn't work in the MicroniK tower. We were unable to contact the developers about the problem before going to press. More importantly, the Blizzard 1260 was completely incompatible with the HiSoft PCMCIA Squirrel SCSI interface. We immediately contacted HiSoft and they informed us they have a 1260 for testing and were working on the problem. Squirrel owners would be well advised to call to HiSoft about a software update before considering a 1260.

Speed freaks

The Blizzard is a high quality accelerator and currently the fastest around by a long shot (barring the unreviewed Falcon 68060 variant). However, the entire unit (with 8Mb RAM) will cost in the region of £850. A staggering sum that would go far enough to buy an entire new setup equipped with a 68030 accelerator. As such it's one for speed demons only. However, Amiga users wanting something more than just a 68030 unit will find it expensive but until budget 040s come along it's better value. ■

Mat Bettinson

BLIZZARD 1260

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
Amiga A1200 only

ease of use.....92%
Essentially it's plug 'n go.

performance.....95%
The fastest Amiga accelerator around. It does what it sets out to do better than anything else.

value for money.....68%
Staggering performance at an even more staggering price. Prohibitively expensive.

OVERALL
Ridiculous speed at a premium cost. It's still the best.

85%

256 GreyScale Scanners/AlfaScan 800

The ONLY 800dpi Hand Scanner for the Amiga!

Scanner with AlfaScan Software **£89.00**

with Touch-Up & Merge-It Software*

Separately £35.00 with scanner **Add £20.00**

with Junior OCR* (needs HD & 2.5MB Memory)

Separately £25.00 with scanner **Add £10.00**

with Full OCR* (needs HD & 2.5MB Memory)

Separately £35.00 with scanner **Add £20.00**

with MultiPass OCR* (needs HD & 4MB Memory)

Separately £49.95 with scanner **Add £30.00**

* max 400dpi scanning resolution

Scanner Pad £9.95

Free With Any Scanner

Multiface III card	**£79.00**
AT-Bus-2008 IDE controller	**£69.00**
Octogon-2008 SCSI controller	**£99.00**
Tandem CD & IDE controller	**£69.00**
AlfaPower A500 IDE controller	**£99.00**

AMIGA SHOPPER 95%

Hard Drives + controller for A500(+)/A1500/A2000/A3000/A4000

120MB	**£159.00**
250MB	**£179.00**
420MB	**£199.00**
540MB	**£229.00**
1.0GIG	**£279.00**
1.2GIG	**£299.00**

Auto Mouse/ Joystick Switch £12.95

AMIGA FORMAT 85%

IDE Quad Speed CD-ROM Drives

for A500/500+ (requires AlfaPower v6.8 + Hard Drive) **£199.00**

for A600/A1200 (inc CD32 emulation) **£199.00**

for A1500/A2000/A3000/A4000 (inc Tandem) **£179.00**

New Pen Mouse Just In £19.95

AMIGA GOLD FORMAT

Crystal TrackBall £34.95

Hard Drives for A600/A1200

2.5"	120MB	**£89.00**	3.5"	420MB	**£149.00**
2.5"	170MB	**£99.00**	3.5"	540MB	**£159.00**
2.5"	250MB	**£129.00**	3.5"	1.0GIG	**£199.00**
2.5"	340MB	**£179.00**	3.5"	1.2GIG	**£229.00**
2.5"	420MB	**£189.00**			

(includes instructions and installation software)

True 300dpi

Optical Mouse £29.95

Ram Cards/Memory

A500 512K w/o clock	**£20.00**
A500+ 1MB w/o clock	**£29.95**
A600 1MB w/o clock	**£29.95**
A1200 2MB with clock	**£119.95**
A1200 4MB with clock	**£179.95**
A1200 8MB with clock	**£299.95**

72pin SIMMS

2MB	**£69.00**
4MB	**£129.00**
8MB	**£269.00**

ZIP RAMS

£89.95/2MB

Optical Mouse Mat £5.00

Amiga PSU for A500, A600 & A1200 £34.95

Apollo 1220 28MHz Accelerator

AMIGA GOLD FORMAT

Give your A1200 350% Performance

Includes Clock & 28MHz FPU

1220 Bare Board **£99.95**

1220 with 4MB Memory **£224.95**

External Floppy Drive £39.95 with Through Port

PCF Recommended

80 watt Speakers	**£39.95**
25 watt Speakers	**£29.95**
240 watt Speakers	**£59.95**

Performance 97% AUI

AMIGA GOLD FORMAT

Mega Mouse 400	**£9.95**
Mega Mouse Plus	**£12.95**

(Three button version with 8' cable Performance **97%** A.U.I)

All prices include VAT. Please add £3.50 P&P for items under £30.00, £5.00 for items over £30.00, £8.00 P&P for Scanners & Speakers, £10.00 P&P for next day.

GoldenImage accepts Access, Visa, Cheques & Postal Orders. E&OE. Prices subject to change without notice. Goods subject to availability. Specifications subject to change without notice.

GoldenImage (UK) Ltd

Unit 65, Hallmark Trading Estate,
Fourth Way, Wembley, Middx HA9 0LB

Sales Hotline No: 0181 900 9291 Fax: 0181 900 9281

Tel: 01263 722169

For more details on prices, latest membership scheme and packs, phone or write for a free programmed catalogue

NOW IN CONJUNCTION WITH 'DIGITAL CANDY' BBS 0191 2325527

New Prices: Please add 75p P&P to all orders

1-10	Disks	= 85p Per Disk
11-20	Disks	= 79p Per Disk
21-30	Disks	= 75p Per Disk
31-40	Disks	= 69p Per Disk
40+	Disks	= 65p Per Disk

SADENESS PD, 13 RUSSELL TERRACE, MUNDESLEY, NORFOLK NR11 8LJ

FLOPPY DISK TITLES

NFA: The Word 8 (AGA) (2)
The latest offering on the mind-bending Sadeness from NFA. As usual, it's brilliantly presented and well presented, a superb read for any demo-fan!

Cardz
At last, all your 500 owners out there can use all the new cardsets with Monitrix. But no game simply converts the 256 colours into 32 Great Stuff!

Shapeshifter v1.2a
The latest version of the amazing Mac emulator. Better than a Mac emulator board!

Breathless (AGA)
Wow. Latest Bitsm clone on the Amiga, one of the best looking so far.

Term 4.5 (HDI) (LHA) (5)
Comms program, better than terminal.

VMM v3.2 (HDI) (IMMU)
Running out of memory? Well not any more - now you can use virtual memory on your Amiga, but you do need a lot of hard drive space. (needs MMU)

Iconian v2.6 Beta
Latest version of the best icon editor available to date.

Apple II Emulator (HDI) (020) (2)
Emulates all the classic computer, includes games such as Wolfenstein.

Magic C64 1.1 (HDI) (020) (2)
Amazing C64 emulator. Power with some of your favourite classics.

Speccy Emulator v3.0b
The latest Spectrum emulator for the Amiga - play all your favourite old games.

Executive v1.2 (HDI) (020)
Makes your Amiga's multitasking much faster. Involves lots of EU Amiga.

Image Studio (2)
Brilliant image processing utility. Similar to Photogenics, obviously not as good. But great for the price.

Remdate v2.10
Calendar, reminder and filofax all in one. Brilliant for those who lack memory.

RO v1.05
Brilliant Quick-Style file manager.

MCP v1.10b Beta 2 (MUI) (HDI)
Multipurpose utility. Received 91% in the utilities issue of CU Amiga! ESSENTIAL for all MUI users!

Damage Wolf v2 (HDI) (LHA)
Another superb Amiga Doom clone. The best doesn't mind AGA but is definitely recommended. Nice one!

Gravity Force II v1.10
Latest release of arguably the best PD game available on the Amiga.

The Big Red Adventure (ACA) (LHA) (HDI)
A demo of the coming adventure. Standard comes as an LHA file and needs to be unpacked, also HD needed.

Ballst Update (AGA)
This new version features an 52 weeks of lottery data and comes with a new program for syndicate members.

MUI v3.1 (HDI) (LHA) (2)
Shareware version of the ultimate interface creator needed by Monitrix.

Tpaint (ACA)
Excellent 24 bit paint program now available.

Data Horse (AGA) (HDI (4MB) (4)
If you've got the requirements, this is the best demo release I've seen this year. AMAZING

CD ROM TITLES

Aminet 9	£10.99
Aminet Box set 2	£22.99
17 Bit 5th Dimension	£17.99
F1 Licenceware	£24.99
Global Amiga Experience	£18.99
Adult Sensation 2	£16.99
Grolier Encyclopedia	£19.99

CD ROM BARGAINS

Aminet 4	£4.99
Ultramedia	£4.99
BCI Net 1	£4.99
Multimedia Tool Kit 2	£14.99
Euroscene	£4.99
Zoom 2 (Pre-Order)	£17.99

F1 GOLD TITLES

Grac v2	£6.50
Magic Paint Box	£6.50
Amos Pro Compiler	£14.50
DMC Gold	£6.50
Blackboard v4.0	£8.50

sadeness

NFA

"This is the CD Rom AGA owners have been waiting for" AMIGA FORMAT

Their first CD Rom

'The AGA Experience'

This is the first CD Rom dedicated to Amiga 1200/4000 owners only!

Includes: Slideshows, Utilities, Games, Demos, Disk Mags, Exclusive ready-to-run software and loads more !! The hottest release of 1995. Watch out for the reviews.

AGA Experience

90% - AUI
90% - CU Amiga
93% - Amiga Format
8/10 Amiga Computing

only £17.50 inc p&p

FAST AMIGA REPAIRS

FAULTY TROUBLESOME COMPUTER??

CALL FOR COLLECTION OR PERSONALLY DELIVER TO THE EXPERTS FOR FAST RELIABLE REPAIR OF YOUR AMIGA

FOR ONLY

£24-99 + PARTS

* NO OBLIGATION FREE QUOTE

WE REPAIR TO COMPONENT LEVEL
A500, A600, 1200, 1500, 2000, 3000, 4000 & CD32

★ FREE GIFT WITH EVERY REPAIR ★ PLEASE SPECIFY

- MOUSE MAT ❑
- MOUSE HOLDER ❑
- DISK CLEANING KIT ❑
- ADD £5 REPLACE MOUSE ❑
- ADD £5 JOYSTICK SEGA STYLE ❑

BARGAIN HARD DRIVES

FITTED 85–500Mb ..... Call

EXCHANGE SERVICE

MODULATORS	£19-50
PSU	£19-50
DISK DRIVES	£25-50
KEYBOARDS	£25-50

★95% SUCCESS RATE ON ALL COMPUTERS
★DOOR TO DOOR COLLECTION OF YOUR COMPUTER ANYWHERE IN THE UK

142 TANNER STREET, TOWER BRIDGE, LONDON SE1 2HG

Call FAST on 0171 252 3553

E-MAIL PETER@FASTCOMP.DEMON.CO.UK

Blitz Basic 2.1

■ Price: £34.99 ■ Developer: Acid Software ■ Supplier: Guildhall Leisure ✆ 01302 890000

AMIGA SUPERSTAR

Fancy making tons of cash, becoming a household celebrity, making your fortune with a superb game? Not everyone can do it, but if you want to try look no further ...

Those of us that have been with Commodore's machines since the early days will remember the built-in *Basic*, with the advent of the Amiga, Microsoft made their first and only Amiga product: Amiga *Basic*. Unfortunately, Amiga *Basic* turned out to be incompatible with later machines and Commodore decided not to commission a new version of this popular and relatively easy language. It wasn't until AMOS arrived that the new Amigas had a well liked and fully featured *Basic* language.

▲ Looks like a handful all right. Here we are in the Blitz Basic editor, TED, lashing up some nice OS illegal demo graphic effects.

AMOS hit

AMOS was a hit and after being cover mounted by various Amiga publications, it swamped the language market so that even today Amiga PD and Shareware still has a large contingent programmed in *Amos*. Europress have unfortunately ceased support for the language though there's still quite a few *Amos* programmers holding the fort including commercial games developer Vulcan Software.

However, in 1993, Mark Sibly of New Zealand based company Acid Software brought a new *Basic* to the Amiga. *Blitz Basic* was designed from the outset to be capable of programming commercial quality games and to launch it Sibly demonstrated just what could be done with his new language: *Skidmarks* followed by *Guardian* arrived. At the time of *Blitz 2.0* it received tumultuous applause but several years hence, I had grave concerns that an update was not going to prove it anything more than a reasonable games programming package.

▲ You could program a game like Worms, have it ported to all other formats in existence and make a fortune. You could also be afflicted with a fascination for concrete donkeys, like Worms' inventor and Blitz programmer Andy Davidson. Lesson: you don't have to be mad to program in Blitz, but it helps.

Minor update

Blitz Basic 2.1, as reviewed here, isn't so much the next version as an minor update to address 2.0's shortcomings. The main list of new features includes complete on-line AmigaGuide help, restructured library handling, bug fixed parameter parsing and complete AGA and OS 3.0 support. *Blitz 2.1* retains the ability to run on the most basic Amiga with no extra memory and running from floppy drive only.

Hard drive users can elect to use more comprehensive and larger 'acidlibs' modules which give added commands and functionality. *Blitz* does not, however, come with a hard drive installer. This isn't a large problem though since comprehensive HD installation instructions are provided.

The *Blitz* programming environment is a tightly coupled and well thought out affair. Entering the actual *Basic* programs is done in The Editor or TED for short, which also comes in basic and enhanced versions for different systems. It's pretty much your usual text editor with normal text marking and clipping commands though annoyingly it doesn't insert and delete lines like modern editors you need to use a menu/key command instead o insert or delete a line. Being dedicated to *Blitz*, TED has a nice feature of highlighting *Blitz* commands when a line is returned. One function I fell in love with was its automatic handling of subroutine bookmarks. Simply type in a subroutines title or label with a '.' preceding and magically TED partitions to grow a lister on the right hand side showing the name of the subroutine. Later clicks on the names in this list will automatically move TED's cursor to this routine.

Debugging

The debugger is complicated but that's because it's essentially a machine code monitor and users with no knowledge of the workings of 68000 assembly code will be completely lost. For them the only hope is to try and figure out why the code failed and fortunately full tracing and stepping is possible. One criticism I can lay at *Blitz 2.1*'s door is that a number of the examples given refused to compile for me. I was unceremoniously dumped in the debugger and occasionally the Guru came to visit in any event.

When ploughing through the much improved, ring bound *Blitz 2.1* manual (though the pages tend to fall out), at first *Blitz* seems like a fairly standard implementation of the *Basic* language until you find that you'll need to think about what type of variables are needed and define them correctly from the start. IE decide if a numeric variable's possible ranges will fall within the range of a byte etc. It gets worse until *Blitz* starts to resemble a cross between *Basic* and some strange form of 'C'. This is not a *Basic* for the tinkerer.

The future?

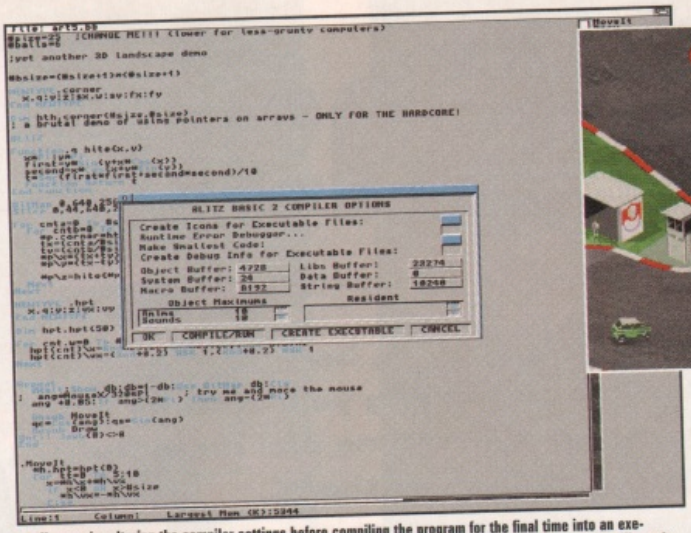
While *Blitz* is quite capable of creating some impressive graphic effects without resorting to in-line machine code (which *Blitz* supports very well), it seems that many of the examples provided are laden with this sort of thing. This was not a problem a few

years ago but with the Amiga destined to move away from the 68000 to the Power PC CPUs, new users would be ill advised to start learning 68000 assembly at this late stage.

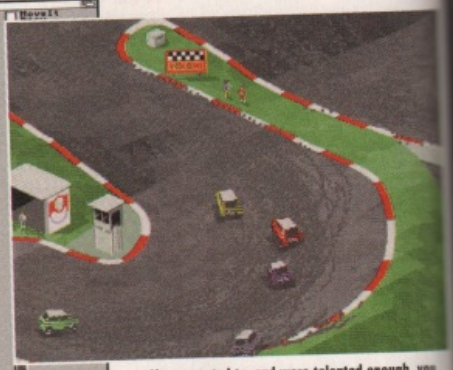
Do it all

So what can *Blitz* do when it comes down to it? It's more a question of what can't be done and that's very little. It's quite possible to remain so-called 'OS compliant' and create applications with standard Gadtools GUIs or even MUI. With this knowledge it's a wonder more utility and application programmers don't use *Blitz* in this area as I found the development cycle to be quick and easy with only a generic knowledge of *Basic* to start me off. Resulting compiled executable sizes were quite small and execution speed very rapid indeed.

On the other hand, kick in to 'Blitz Mode' and you begin a whole new ball game. The Operating System is swiftly ejected and some of *Blitz*'s powerful graphics handling functions come in to being. These enable double buffering, parallax scrolling and 50 trillion objects to be thrown around the screen in the best style of flashy machine coded Demos. Games programmed with *Blitz* could not be identified as being programmed with *Blitz* unlike their unfortunate *Amos* counterparts.



▲ Here we're altering the compiler settings before compiling the program for the final time into an executable. The debugger can be switched off and the size optimisation turned on. Tiny and fast code will result.



▲ If you wanted to, and were talented enough, you could always program something like Super Skidmarks in Blitz Basic. But you might have to bleach you hair in a very disturbing manner like Mark 'Sibbo' Sibly of Acid Software. Lesson: you don't have to look like a wild hipster to produce a hit game, but it helps.

Illegal AMOS

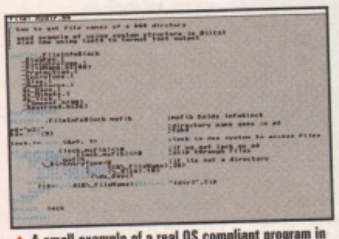
Amos is infamous for it's OS illegal practices. This is obviously not unusual for games software but with *Blitz*'s capability to program proper OS compliant applications with virtually all the same capabilities that would normally be written with 'C' compilers, *Blitz* holds the crown as the all round Amiga programming package.

What sort of Amiga user would *Blitz Basic* be suited to? The answer depends on what you envisage yourself doing with *Blitz*. To be honest, if you intend to program utilities and serious applications exclusively, I'd still recommend that you opt for 'C' or even our December *Amiga E* cover disk. Using these packages would make it easier to work from Amiga system programming documents. Those who want to create graphic based games and demos or even utilities with heavy graphics usage, *Blitz* is your man. If you want to program games alone, *Blitz* is most definitely your package.

Be prepared to encounter a slight learning curve even if you are familiar with *Basic*. Especially if you've had no encounter with the more low level aspects such as having to worry about how to store your data. I was dubious of *Blitz*'s OS compliant ability but after having used it to create some programs to send out *Arexx* commands to other applications, I foresee that a relationship with *Blitz* will continue. Being a great fan of *Arexx* but constantly annoyed with its execution speed, some of my largest and slowest scripts can be re-written in *Blitz* to the same functionality. *Blitz* may not appear to have the same level of support in the UK as *Amos* but with a regular *Blitz* Users Magazine (amusingly called BUM for short) and a real live *Blitz Basic* Newsgroup for Internet users, it does have more serious bare bones support.

If it wasn't for *Blitz* we wouldn't have Team 17's *Worms*. That's one of the highest praises that can be afforded and now that I'm satisfied of its serious applications and Mark Sibly's renewed development interest including plans for a new super 3.0 version, *Blitz Basic* looks to be the Amiga's No.1 all round programming package. Not only amateurs but for professionals alike. *Blitz Basic 2.1* is a very well put together package that deserves to do well. Recommend unreservedly. ■

Mat Bettinson



▲ A small example of a real OS compliant program in Blitz Basic, thoughtfully provided with the package.

Interpreted vs Compiled

Here it's worth noting the difference between interpreted and compiled languages. The old Commodore *Basic* and even the Amiga DOS scripts and *Arexx* language are 'interpreted'. That means that each line is read in, one at a time, by the language and executed. The benefit of this method is that a change can be performed instantly and the program rerun to see the result. The down sides are that anyone needing to run the program must have the full language installed to run the program and speed is usually far below what is required to write full programs.

There's is where 'compiled' languages come in. Here the entire program will be read in and converted to a stand alone bit of code that the Amiga can run without having the original language installed. The process is called 'compiling'. Modern languages all use this method though it does require that between every change, the program must be recompiled before being run.

***Blitz* makes the process very easy and quick. The last menu in TED is called 'Compiler' and the first function is 'Compile and Run'. All the programmer needs to do is select this and *Blitz* will compile the code and run it all in one hit. During this development time, the programmer will usually have the compiler options set in a particular way. This means that there will be no size optimisation which would be used in the final compiling of the program as it takes longer. Likewise the run-time debugger will be enabled so that any errors will be safely trapped rather than a visit from the Guru when something goes wrong.**

This is another concern with a BASIC compiler such as *Blitz*. Because it's so low-level and capable of generating small and fast code, error checking is nothing like it is with interpreted languages. One programmer error can cause the entire house of cards to fall down. The Debugger during the development phase will catch these errors though when the programmer is teleported to the debugger with a shock it will all seem quite technical.

BLITZ BASIC 2.1

A500 A500+ A600 A1200 A1500 A2000 A3000 A4000

system requirements:
Any Amiga. Enhanced for HD users.

ease of use.....85%
Starting off easy and grows more complex as your ambitions grow.

performance.....93%
Super Skidmarks and Worms. 'Nuff said.

value for money.....95%
35 quid for package that's created the current No 1 Amiga game?

OVERALL
Great value and very capable.

91%

NEW TITLES

LATEST UTILITIES

VIRUS **WORKSHOP v5.6** latest virus killer [WB2+]
VIRUS **CHECKER v7.18** another virus killer [WB2+]
BASIC ELECTRONICS v1.5 want to learn electronics? [2D]
TURBO CAT PRO v1.1F much updated version of the disk catalogue program. Just put in a disk, read the files and print/save the list. [WB2+]
A SPELL v5.8 adds a spell checker to most text editors [WB2+]
NAVIGATOR v2 This is SUPERB! Allows you to fly around, in real-time arena. From architechtural to musical instruments. Allows virtual models. [WB2+] [020+] [HD] [2 Disks]
MESSY SID v3 allows you to read and write to PC 720K disks CrossDOS or WB3! Also transfer files each way. [WB2+]
TEXT ENGINE v5 latest version of the superb text editor [WB2+]
DATATYPES DISK need the PNG, Font, REKO datatype? These threw out of many WB3+ datatypes for Workbench on here.
SHAPE SHIFTER v3.2 is the much-raved latest version of the Apple Mac emulator. You need MAC ROM's and System 7.5 to use [020+][WB 2.1+][4 MB+][HD Recommended]
MAGIC PAINT BOX DEMO of the F1 title [WB2+]
CHEATS v2.1 000's of cheats here [2 Disks] [WB2+]
VARK CLI TOOLS 9 Loads of great CLI tools.
POWER TITLER DEMO superb video titler - rivals Scala
SONIC DRUM KIT v2.1 FULL version of the drum sequencer
GUI AMOS v1.9 create GUI's for AMOS Pro [WB2+]
PROTECTOR v1.1 protect your hard drive [WB2+]
NUCLEUS PRO DEMO wow! A demo of a forthcoming front-end and interface creator. Allows you to create AGA front-ends for hard drives or CD's with ultimate ease. The best ever. Try this! [AGA]
FINANCIAL ACCOUNTS v1.21 accounts program [WB2+]
FIASCO v1 superb database system - easy to use [WB2+]
ULTRA ACCOUNTS 2 decent accounts package [WB2+]
DEMOMANIA v1.80 Complex (you've seen their demos!) have used this demo creator for you to create scene demos! [WB2+] [2 Disks]
MAGIC 64 wow! At last - load both D64 and T64 files into a C64 with ease - features make it the best C64 emulator there is! [AGA]
REMDATE v2.1 personal diary/organiser [WB2+]
FINAL WRAPPER v3.11 create text spirals, swirls, put text onto curves etc. For Final Writer release 2/3. [WB2+]
POWER PROCEDURES v1.30 AMOS extensions.
BLITZ BASIC v2.1 a demo of the forthcoming programming language behind Skidmarks, Blitz Bombers, Gloom etc [WB2+]
XIPAINT v3.4 demo of a good AGA paint package [AGA]
PRO ZODIAC 2000 v1 astrological program [WB2+]
SYS SPEED v1.1 analyse system speed/setup [WB2+]
PRO GREYHOUNDS v1.1 gambling program [WB2+]
PRO LOTTERY 96 new Lottery predictor [WB2+]
SENSIBASE world soccer listings? [WB2+]
VARK TOOLS 10 Vark's latest CLI pack
VARK INTERNET INSTALLER all you need to get onto an ISP provider like Global Internet etc [WB2+] [3 Disks]
VARK/NFA CLI TOOLS 1 another new CLI toolpack release
CINEMA 4D DEMO demo of the superb 3D package [WB2+]
MUI 3.1 it's here - the latest version of MUI [WB2+][2 Disks][HD]
VMM 3.3 the excellent virtual memory program [WB2+][MMU][030+]
DOPUS 5 UTILS 1 plenty of extras for DOpus 5 [WB2+]
DOPUS 5 UTILS 2 plenty more extras for DOpus 5 [WB2+]

LATEST GAMES

DELUXE PACMAN AGA Wow a pacman game by the author of Deluxe Galaga.
BATTLESHIPS A very playable game by the Assassins.
CODENAME NANO superb thrust game. Get it!
SCORTCHED TANKS v1.85 multi-player tank game
BLITZ BOMBERS demo of the bombers game [AGA]
EXCELL CARD GAMES III A few card games here. [AGA]
MASTER BLASTER II decent bomb game [AGA]
SUPER COMBAT 3 this is a two player version of cannon fodder. Superb graphics - Object to kill other player. [2 Disks] [AGA]
REBELLION an asteroids clone with a difference
MARATHON 2 player action game
THE DEVILS ABODE written by the author of War of the Worlds. This is a 3D horror adventure. Decent.
SPEED - DOOMER 2 version 2 of the Doom clone. More levels, finer detail (walls etc) and much faster scrolling. [AGA]
ALIEN BASH II very similar to Chaos Engine....very good.
SKID RACER car racing game, not bad. [WB2+]
DUCK DODGERS great platform game with ducks [WB2+]
TRAP 'EM good platform [trap aliens] game [WB2+]
ZOMBIES Alien Breed style shoot-em-up [AGA]
DARK ANGEL Flashback style, platform in a power complex
BLACK DAWN V another version of the adventure [WB2+]
GALLEONS 2 player 3D shoot-em-up [WB2+]
ENGINES 2 player thrust game [WB2+]
HELSINKI FORCE 2 player good karate game [3 Disks]
CARDZ load and use AGA Klondike cards on ECS Amiga!
POWEROIDS good, rendered asteroids clone [020+]
INNER DEMONS spooky adventure [4 Disks]
SUPER SKIDDY THINGS 3 superb racing program for one or two players. Direct your rubber suited penguins around the ice!
DELUXE GALAGA v2.6C A super shoot-em-up with the additions such as the power-ups, weapons etc. AGA version. [AGA]
AUTOMOBILES v1.5 superb racing game for the Amiga. Lots of different tracks with the ability to have upto 4 players. [2 Disks]
EMOTIONAL CONFLICT 3D adventure
JIGSAW v2.2 jigsaw/strategy game [AGA]
PRO FOOTBALL v1.1 footie prediction [WB2+][2 Disks]
COALA DEMO demo of new Coala helicopter game [WB2+]
FENDERS - TITANIC EDITION car crash derby game
PENGUINS a demo of a cute platform game [WB2+]
MOTOR DUAL classic 3D 1/2 player race and chase game - two vehicles - kill the other player before time runs out [WB2+]
LEGEND OF POUNDS ISLAND 3D adventure [WB2+]
TORQUE a superb version of Uridium [AGA]
GRAC v2 DEMO a demo version of the adventure creator
TOTAL SPECIES another 3D-type adventure [WB2+]
ALIEN FISH FINGER a shoot-em-up game
ULYIMATE MANAGER addictive footie management sim.
NESTLE NESQUICK promo platform game [AGA]
PEPSI GAME another promo platform game [AGA]
WORMS MAPS VOL.1 maps for the superb Worms
TRSI STATIX an addictive puzzle game
GLOOM DELUXE DEMO demo of latest Gloom [AGA]

HOT NEW DEMOS

D203 MYSTIC "IMPOSSIBLE IMPOSSIBILITY" Winner of the Primavera party 95. Get this! [2 Disks] [4MB+] [AGA]
D213 PARALLEX/CCN "DEEP" Winner of the Gathering 95 [2 Disks] [HD] [4MB+] [AGA]
D216 FACULTY "MAN ON MOON" Very good demo from Faculty - needs loads of Mem! [4 Disks] [HD] [6MB+] [AGA]
D219 SANITY "ROOTS II" wow! A very decent demo release [020+]
D221 FREEZERS "LECH" AGA won the Ram Jam charts "best demo in 1995". Loads of the same routines - tunnels etc.
D222 ARTWORK "GREENDAY" Won a recent party in Germany - very decent all round. [AGA] [HD] [3 Disks]
D227 SCOOPEX "ALIEN" Scoopex are BACK in the '90s with a good demo release! [AGA]
D230 MELON "PLANET M" another classic release from the guys at melon. Released at a party in the Netherlands recently.
D231 AXIS "PICTURE BOOK" must be one of the best demo releases for many months, comprehensive. [AGA] [4 Disks]
D235 MELON DESIGN "BAYGON" superb cartooney style demo!
D236 EMBASSY "THRILLED" Assembly '95 release [HD][2 Disks]
D237 SILENTS "FRUIT MACHINE" superb Assembly '95 demo!
D238 VANITY "AMAZED" stunning new demo from Vanity, all the usual effects (but more of them!). Get this! [AGA] [3 Disks]
D239 OXYGENE "CONTROL" from the G.A.S.P. party '95. [2 Disks]
D241 ASSEMBLY '95 INTROS collection of intros
D241 AXIS "TIME & EMOTION" music disk from Axis [WB2+]
D243 MYSTIC "FEAR" Intel Outside demo. Good. [AGA] [2 Disks]
D247 RAZOR 1911 "FALKORV" wow! [4 Disks] [AGA] [HD] [4MB]
D248 SCOOPEX "ISO" they're back! Get it now! [2 Disks] [AGA]
D249 STELLAR "AURORA" new from Stellar! [AGA]

- the following are from the recent Party 95....

D250 CNCD "CLOSER" [AGA] [HD] [3 Disks]
D251 FOCUS DESIGN "SLOWMOTION" [AGA] [2 Disks]
D252 THE PARTY 95 INTROS
D253 POLKA BROS. "NO" [HD] [AGA]
D254 TRSI "CYBERLOGIK" [AGA] [HD] [2 Disks]
D255 RAGE "RABIES" [AGA][2 Disks][HD]
D256 EMBASSY "CORONA" [AGA][2 Disks][HD]

- all the Party 95 demos, plus all from 1995 and more exclusive scene stuff, are on the "Scene Storm" CD-Rom

MISCELLANEOUS

GRAPEVINE 21 superb disk magazine from LSD [2 Disks]
DEADLOCK 9 superb disk magazine by Anathema/Narcosis
NFA WORD 5 disk magazine from NFA [AGA]
NFA WORD 6 disk magazine from NFA [AGA]
NFA WORD 7 disk magazine from NFA [AGA] [2 Disks]
NFA WORD 8 OUT NOW! Latest disk mag from NFA [AGA] [2 Disks]
NFA BODYSHOP 8 [AGA] [3 Disks]
SHERILYN FENN SLIDESHOW [AGA]
PHEOBE CATES SLIDESHOW [AGA]
ERIKA ELENAIK SLIDESHOW [AGA]
NIKI TAYLOR SLIDESHOW [2 D] [AGA]
TINY TOONS CLIPART superb hand drawn clipart
NFA BIG GIRLS II [AGA] [3 Disks]
X-FILES GUIDE guide to the TV Show
GCSE MATHS EXAM PAPERS GCSE help
TRAVEL GUIDE guide for avid world travellers [2 Disks]
UFO : FINDING THE TRUTH [2 Disks]
UFO : FINDING THE TRUTH 3 paranormal and UFO stuff
ALIENS CONFIDENTIAL 2 UFO and paranormal guide
WEATHER GUIDE [3 Disks]
LUCIFERS "UNHOLY INNOCENCE" [2 Disks]
LUCIFERS "WICKED GRIMOIRE" bizarre cult stuff
LUCIFERS "BOOK OF SHADES" [2 Disks]
MAGNETIC FICTION demo of the story collection
KIDS DISK 7 another under 5's program
SCOOPEX "ARTCORE" Doom-like gallery slideshow! [AGA]
NFA SOURCE 'N CODE 2 AMOS source 'disk' magazine
TITANIC II interactive database on the Titanic disaster [2 Disks]
HISTORY OF THE WORLD CUP all explained [3 Disks]

MAIN LIBRARY

MORE UTILITIES

U076 WB3 HD INSTALL DISK Prep, format and install WB to your Hard Drive. [WB3]
U230 TOOLS DAEMON V2.1 Adds tools to your WB Menu. [WB2+]
U239 RE-ORG v3.11 Re-organise your disks/hard disk. [WB2+]
U302 VIEWTEK v2.01 show JPEG and GIF pics with ease. [WB2+]
U317 ACTION REPLAY PRO Action Replay for the A1200 [AGA]
U318 VIDEOTRACKER DATA data files for Videotracker. [4 D]
U349 LIBRARIES + DATATYPES Do you ever need a library? Here's a collection!
U352 MAGIC WB v1.2P The lastest version of the 8-colour icon replacer. Use this with our Extras disks for superb results! [WB2+]
U359 TELETEXT v1.20 Create a teletext receiver [WB2+]
U376 POWERCACHE v37.115 Speed up your Hard Drive access with this cache program. Versions for 00, 020, 030 and 040. [WB2+]
U379 DESKTOP MAGIC v2.0 This program allows you to assign sounds to Workbench functions like mouse clicking etc. [WB2+]
U408 DISK SALV v2.31 This is the best disk/file repairer in the Public Domain. Undelete/salvage files and repair disks.
U416 AMIGA DOS GUIDE v1 Learn Amiga DOS with this program.
U426 EPU STAKKER v1.70 double your hard drive space! [WB2+]
U434 EDWORD PRO v5 Edword Pro is the most comprehensive and easy to use word processor on the PD market. [WB2+]
U440 SNOOPDOS v3 Use Snoopdos to monitor program activity. An ideal tool to find out what libraries are needed [WB2+]
U453 MAIN ACTOR v1.55 An excellent module animation player. Buy it. [WB2+]
U454 VIDEOTRACKER 2 AGA The AGA demomaker.
U467 T. U.D. E. v1.0D The Ultimate Degrader and Enchancer can be used to degrade A1200/4000's to use WB1.3, remove fast mem etc.
U475 RELOKICK v1.4A FINAL Relokick is the most popular degrader around. Forget the fake v1.41, this is the real thing.
U479 MSDOS FOR AMIGADOS Allows you to use the MS DOS commands on your Amiga. Also use the MSDOS star ":" [WB2+]
U480 HD GAMES INSTALLER II Install Jungle Strike, Aladdin, Mortal Kombat II, Ruff 'n Tumble and about 12 more!!
U487 BIRTHDATE HISTORY v2.21 Check events that happened on your birthday!

More utilities continued.....

U502 GBLANKER V3.6 020 An optimised version for 020/30/40/60 CPU's. [WB3+]
U514 DISK STICK v1.1 A disk labelling program.
U521 ADDRESS PRINT v4 Store addresses and print them to labels.
U523 DOPUS MAGIC COMPANIAN Loads of buttons, AREXX scripts for Dopus. [WB2+]
U533 CAR DATA ANALYST Monitor and test your car's performance. First for the Amiga.
U543 TOOLS MANAGER Allows you to have a "dock" of icons on Wbench. [2 Disks][WB2+]
U553 GFX CONVERTOR v1.7 Decent graphics convertor. Loads about 10 formats and saves GIF, ILBM, PCX, POSTSCRIPT, JPEG. [WB2+]
U554 SOUND BOX v1.97 Coverts sound samples from IFF, RAW, WAV, MAESTRO, VOC, AIFF and MAUD to any of the supported formats. ie. load in as IFF save as WAV or load as WAV andsave as IFF. [WB2+]
U560 DELITRACKER II v2.1 A great module player. [WB2+] [2 D]
U564 EXOTIC RIPPER v3.1 module and sample ripper. [WB2+]
U576 BLITZ BLANKER V2.5 Blitz Blanker is another tool that requires the services of MUI (U499). Modularised screen blanker. [WB2+]
U588 PC-TASK V3.10 All new PC Task v3. Demo version.
U594 AMIGA FAX V1.42 Send/receive faxes on your Amiga. [WB2+]
U617 HD GAMES INSTALL 3 Over 20 games such as Super Skidmarks, Sensible World of Soccer to be installed. [WB2+]
U618 TEXTURE STUDIO v1.02 adapt those textures. [WB2+]
U619 BALLS! Superb and powerful Lottery program. [AGA]
U623 AMIGA CD-ROM GUIDE Guide to loads of Amiga CDs - Amigaguide doc. [WB2+]
U628 ICONIAN v2.91 Superb AGA icon editor. [AGA]
U634 FRODO v1.5 The very best C64 emulator for the Amiga. Relive the old games with this. [WB2+] [020+]
U635 DOPUS UTILS 2 Loads of utils for Directory Opus 4/5. More scripts, Arexx routines etc etc [WB2+] [Dopus]
U636 TYPING DEMON Learn how to type very quickly !
U638 ESSENTIAL AMINET 7 Aminet utilities. [WB2+]
U648 HD GAMES INSTALLER 4 loads more installers for your favourite games. Obsession Pinball, Powerdrive etc [WB2+]
U649 enLOCK Lock program for a hard drive [WB2+]
U650 BOOKIE BEATER Beat the bookie at his own game! [WB2+]
U653 SKIDMARKS 2 CARS 4 cars for the **AGA** Skidmarks [2 D]
U656 SUPER DMS v2 A powerful interface for DMS [WB2+]
U658 DOPUS v5>>>>v5.11 UPGRADE Upgrade DOpus [WB2+]
U670 TERM v4.5 00 Term is the most comprehensive communications package in PD, rivals any commercial release. [3D]
U671 TERM v4.5 030 version for 030 processors [3D]
U672 ORGANISER BITS a collection of supplements for Digita's Organiser. [needs Digita Organiser]
U674 ZXAM SPECTRUM EMULATOR v2B NEW Spectrum Emulator. You need an **AGA Amiga or 020+ processor.**
U677 EASY CALC v2B superb spreadsheet program [WB2+]
U679 AREXX GUIDE v2A want to learn Arexx? [WB2+]
U680 MOSAIC v2B latest version of the Web browser. [WB2+] [TCP 4]
U682 VARK'S CLI TOOLS VOL 8 50 latest CLI tools - get this!
U683 IMAGE STUDIO v2.2 latest version [WB2+] [2D] [HD] [020+]
U684 ESSENTIAL AMINET 8 new and decent uploads here [WB2+]
U499 M.U.I. V2.3 Create GUInterfaces. Needed for Mosaic. [WB2+]

MORE GAMES

GM11 MEGABALL AGA absolutely superb commercial quality bat and ball game for AGA computers. Get it! [AGA]
GM22 MISSILES OVER XERION probably the best defender-type game on the Amiga. Arcade quality. [AGA][2 DISKS]
GM58 BLACK DAWN II a popular 3D adventure
GM60 BAZZA AND RUNT a definitive platform game with superb graphics. Must be seen by all platform fans. [AGA]
GM67 SCRABBLE the classic board game
GM78 STARWOIDS thrust and oids mixed [1MB] [2 DISKS]
GM83 ZOMBI APOCOLYPSE II an Operation Wolf clone with guts, gore and more! Worth playing! [AGA]
GM88 MONOPOLY the classic board game
GM93 KLONDIKE III for hard drive users [HD] [4MB+] [WB2+]
GM97 TOP HAT WILLY an Amiga "Jet Set Willy" rip-off. Addictive!
GM105 DYNAMITE WARRIORS 2 another bomb clone
GM118 CHANEQUES yes, two please!! A Lemmings type game. Direct your little men (with different skills) to the end. [2 Disks]
GM125 KELLOGS LAND WOW! The best PD platformer ever! [AGA]
GM127 ZAXXON superb! The C64 classic now comes to the Amiga!
GM131 SUPER MEGA FRUITS a good Fruit Machine game.
GM132 SAMURAI SHOWDOWN this is an amusing Street Fighter clone. Good! [AGA]
GM137 MEGABLOCK V2 the best Tetris games on the Amiga.
GM138 CYBERMAN wow! A 3D pacman clone. Very decent indeed.
GM140 INTERNAL COMBUSTION great skidmarks-esque multi-player racing game
GM141 MADHOUSE a graphical adventure game [2 DISKS]
GM147 DELUXE GALAGA v2.51 must be the best PD shoot-em-up ever made! Get this if you have an A500/A600 (non-AGA).
GM150 ROCKETZ V2.25 superb AGA only 2-player thrust/shoot-em-up game. One of the most addictive multi-player games ever! [AGA]
GM164 CYBERGAMES excellent! A street-fighter clone with gore! This is probably the best beat-em-up games in the Public Domain. [2D]
GM169 MASH Similar to Team 17's new Worms game. A subtle cross between Lemmings and Cannon Fodder.
GM174 TANKS! excellent tank-war sim
GM176 ALIEN GENOCIDE errr. A Operation Wolf clone? [2 DISKS]
GM178 DOOMER a good Doom clone for the Amiga [AGA] [HD]
GM180 CARNAGE blood, guts and gore and more!
GM183 PSSST AGA remember Pssst on the Speccy? Well this is the Amiga version!
GM184 SCREECH another car racing game
GM185 BOARD GAMES Cluedo is the main game here
GM187 FEARS 2 AGA wow! Much better. This is a demo of the finished commercial version! More aliens.
GM188 CARD GAMES DELUXE A program that allows you load and use your Klondike cards! Blackjack and another on here [3 Disks] [2MB]
GM191 CHILD ADVENTURE AGA not as bad as it sounds! A graphical adventure to solve the mystery to clear your name [4 Disks]
GM224 BATTLE DUEL AGA battle duel is a SUPERB multi-player artillery type game. [AGA]
GM226 GLOOM A demo version of the forthcoming Doom clone. [AGA]
GM227 WAR OF THE WORLDS 4 A virtual reality program! [AGA]
GM238 LAST LAP v1 Excellent racing game for one or two players.
GM239 ULTIMATE STAR TREK great strategy game [2 Disks]
GM242 PSYCHUEL Alien Breed style shoot em up [WB2+]
GM245 THE PYRAMID GAME A puzzle platform game. [2 Disks]

F1 SOFTWARE

F1-14 TOTS TIME £3.99 education programs for kids under 5
F1-31 POWERBASE v3.3 £3.99 superb database program [WB2+]
F1-33 POWER PLANNER £3.99 personal organiser [WB2+]
F1-41 GRAND PRIX MANAGER £3.99 run your own grand prix racing team. 1994 season. Recommended. [AGA]
F1-50 GUIDE TO AMOS v2 £4.99 absolute beginners guide to Amos. Superb guide to help you understand! [WB2+]
F1-62 JUNIOR ARTIST £3.99 want to learn how to draw?
F1-67 BUBBLE TRUBBLE £4.99 decent arcade game
F1-68 AQUANAUTA £3.99 superb game. Get this!
F1-74 AMIGA ASSIST £3.99 introductory beginners guide [WB2+]
F1-77 BEGINNERS GUIDE TO WB3 VOL.2 (PREFS) £3.99 a beginners guide to Workbench 3. This highlights the preference functions. [WB3+]
F1-76 OBSTICKLE £3.99 superb, cute platform romp! Great GFX!
F1-81 AQUAKON AGA £5.99 A little like Doom on water.
F1-83 IMAGE COMPRESSOR £3.99 for AMOS coders [WB2+]
F1-84 WORD PLUS+ PRO v1.3 £4.99 Want to know a word - get this! Used to sell for £14.95! [WB2+]
F1-86 LEGIONS OF DAWN £4.99 Sci-Fi Dungeon Master type game. Choice of several characters and loads of weapons.
F1-87 LEGIONS OF DAWN £4.99 hard drive version
F1-101 INTRO TO DOS/WB 2 £6.99
F1-102 AURIGA £4.99 very decent Strider clone
F1-107 GREENIES £3.99 a 3D maze romp affair for 1/2 players
F1-108 PUSH AND PULL £3.99 clear the nasties by pushing various blocks. Superb graphics. AF said "Arcade winner". 1/2 players [WB2+]
F1-109 BEGINNERS GUIDE TO WB3 VOL.3 (TOOLS) £3.99 learn more about WB3 with this volume [WB3+]
F1-110 FALLING DOWN £3.99 one of Amiga Format's recent AMOS top thirteen winners - a decent strategy game [AGA]
F1-111 RETURN TO ZANTIS £3.99 another one of Amiga Format's recent AMOS winners - a link-sequel between RELICS of Deldroneye and the forthcoming, long-awaited RELICS 2. Point 'n Click adventure [AGA]
F1-112 AMOSZINE 9 £5.99 latest in the AMOS disk mags. News, views, tips, tricks, source and more for the AMOS programmer. [WB2+]
F1-113 AMOS AGA EXTENSIONS £3.99 wow! It's here. The program that a recent PD library was advertising in EVERY Amiga magazine. It is here for £3.99. The AMOS AGA Extensions allows you to load and utilise AGA pictures within AMOS. Out blocks, pack screens etc. [WB2+]
F1-114 AMOS DIALOGUE PROCEDURES £3.99 another decent AMOS set of extensions. Use psuedo intuition techniques, GUI interfaces, GAD Tools with ease within AMOS. [WB2+]
F1-115 BLACK DAWN 6 - HELLBOUND £4.99 the legend continues. After the 'fake' version 5 we are back with another superb graphic adventure. If you are a fan of the previous releases do not miss this. [WB2+]
F1-115 WILLY'S WEIRDY NIGHTMARE £3.99 are you are platform fan? This is a superb Jet Set Willy clone with excellent GFX! [AGA]
F1-117 EPSILON 9 £3.99 this is the game that will show the power of GRAC version 2. A graphic adventure which is the sequel to Star Base 13.
F1-118 ABGTW3 VOL4 £3.99 Latest volume of WB 3 tutor
F1-119 PARASITE £3.99 Black Dawn 1/2 plyrs
F1-120 AMOSZINE 10 £5.99 latest AMOS disk mag
F1-121 AMOS INTUITION EXTENSION £3.99 gives true intuition extensions to AMOS.

...MANY MORE TITLES ARRIVING DAILY - CALL FOR LATEST TITLES!

F1 GOLD TITLES

F1 Gold titles are the cream of the F1 Software range. Each product comes with a multi-page printed manual, exclusive sleeve and branded disks. All programs regarded best in their class.

AMOS PRO COMPILER £14.99

Do you admire the commercial games cush as Monkey Island and other adventure games and wish you could program your own version? With the Graphic Adventure Creature v2 you can easily make a point and click adventure game like Epsilon 9 or Relics of best ever selling title!

NEW RELEASE [WB2+] [NEEDS AMOS PRO]

G.R.A.C. VERSION 2 £6.99

With the Graphic Adventure Creature v2 you can easily make a point and click adventure game like Epsilon 9 or Relics of Deldroneye. This is the long awaited version 2 which contains many new features such as IFF Anim support, fast character scale and zoom, player multi-switch (switch from character to character on screen), over 30 new script commands, an improved script editor, 32 background objects and many more. A superb release - GRAC is F1's best ever selling title!

NEW RELEASE [1MB+]

DISK COMPRESSOR £6.99

This program allows you to add "virtual space" to your hard drive. By using compression routines you can expand your hard drive by upto 50%. I.e. if you have a 200MB hard drive, increase the space up to 280MB (example). Various compression routines to choose from. Very easy-to-use interface, device packer and statistics program. No need for a new hard drive!

OUT MARCH 1996 [HD][2MB+][WB2+]

MAGIC PAINT BOX £6.99

Magic Paint Box is a superb new paint program for the under 10's. Excellent front end, 84 different painting tools and the ability to print full colour pictures direct from the program to any colour printer. Over 80 different paint functions! "...like a breath of fresh air" wrote Amiga Shopper. "for pure entertainment value, this wastes commercial packages". Amiga Shopper **96% STAR Buy** in November '95.

[1MB+][WB2+]

BLACKBOARD v4 £8.99

This excellent image processor now comes with an extensive fully featured manual. Online help routine, new file formats, new edit facilities, rotate pictures to any angle in 3D, new buffer routines with upto 99 pictures in RAM, new extensive pref links, thumbnail images, mash functions and new GUI frontend! **90% STAR Buy** in Amiga Shopper December '95

[2MB+][AGA]

DMC £6.99

Want an easy-to-use but powerful disk magazine creator? Look no further. If you have a club, association or want to produce your own disk-mag, then get this. Allows the use of clipart and many more features.

NUCLEUS £8.99

Digital Software present "Nucleus". Admired by much of the Amiga press 95% in Amiga Shopper - this excellent 'front-end' creator allows you create an interface for a disk, hard drive or CD. Comes with a superb GUI design creator. Load in an AGA picture and go! Manual included. Superb!

NEW RELEASE [1MB+][WB2+]

MAGIC WB SECTION

MAGIC WORKBENCH AGA	[AGA] [HD]
MAGIC WORKBENCH v1.2p	[WB2] [HD]
Magic WB Extras volume 1	[2 Disks]
Magic WB Extras volume 2	[2 Disks]
Magic WB Extras volume 3	[2 Disks]
Magic WB Extras volume 4	[2 Disks]
Magic WB Extras volume 5	[2 Disks]
Magic WB Extras volume 6	[2 Disks]
Magic WB Extras volume 7	[2 Disks]
Magic WB Extras volume 8	[2 Disks]
Magic WB Extras volume 9	[2 Disks]
Magic WB Extras volume 10	[2 Disks]
Magic WB Extras volume 11	[2 Disks]
Magic WB Extras volume 12	[2 Disks]
Magic WB Extras volume 13	[2 Disks]
Magic WB Extras volume 14	[2 Disks]

Volumes for £25.99 or each volume at £1.96

SALE OFFER

Special offer - For every 10 Disks you BUY get 2 Disks FREE

Remember we stock 1000's of other disks. This advert shows only the latest and greatest PD releases. If you want a title stocked by another library or a title that you are not sure is available - call for our help. For a complete list, ask for a cat disk.

You can order by cheque, postal order or credit card. Once you have decided upon the order contents, add the postage charge and send the order to the address below. Or call with your credit card.

Send your order to:

Active Software, PO Box 151, Darlington, County Durham, DL3 8YT, ENGLAND.

01325 352260
sales@active2.demon.co.uk

DELTA MasterCard VISA SWITCH

KEY:

[WB2+]	Workbench 2/3 Only
[xD]	Number of Disks
[xMB]	Minimum Memory
[HD]	Hard Drive Needed

ORDER INFO:

Each Public Domain Disk	99p
Postage On All Orders	75p
Residents in Europe add 10% to TOTAL	
Residents in Rest of World add 20% to TOTAL	
Catalogue Disk	50p

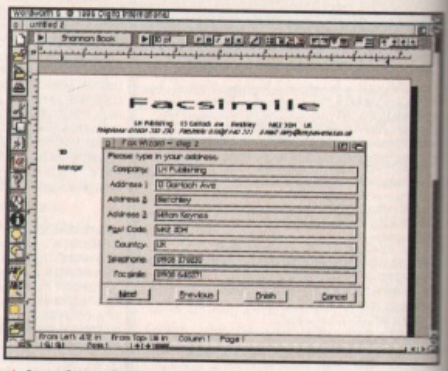
Make Cheques Payable to:
ACTIVE SOFTWARE

active SOFTWARE

Wordworth 5

■ Price: £69.99 ■ Developer: Digita International ■ Supplier: Digita International ✆ 01395 270273

Wordworth is back and it's kicking butt as far as word processors go. This latest version has all the features that last one lacked and more.



▲ A new feature in Wordworth is the Wizard. It can create pages for you with or without your help.

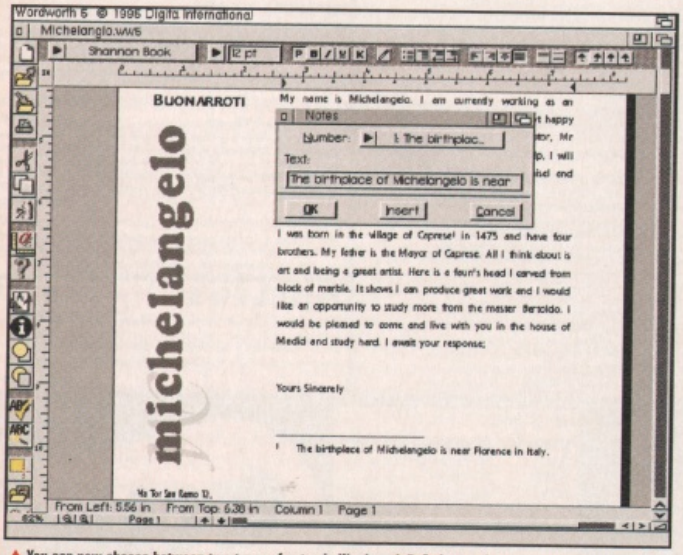
We may only have two high end word processors to choose from on the Amiga, but we what we lack in quantity, we make up for with quality. In the latter part of last year, *Final Writer 4* was released to high acclaim from CU Amiga Magazine. Now it's the turn of *Wordworth 5* to come under scrutiny.

Wordworth is a program so embedded in Amiga history, it's hard to remember an Amiga being released without this mighty word processor. Yet past versions of *Wordworth* lacked a number of key features. No *ARexx* and no style sheets to name but two. With version 5, this has all changed. New features abound and with several key features addressed, from what I've seen, *Wordworth* has finally come of age.

I have now been using a pre-production version of *Wordworth 5* solidly for more than two months and in that time have grown to appreciate it more and more. I have to admit to being one of the old guard who like to use text based word processors but the fact that this review is being written in *Wordworth 5* will tell you that I have now relinquished my fear of trusting a graphics based word processor. The change of heart is due in no small part to the many new features to be found in *Wordworth 5*.

Trying to single them out in order of importance is impossible but style sheets certainly made an impression on me. Many of you will have already had a taste of style sheets in *Wordworth* 4SE, but these have been beefed up significantly for version 5. A style sheet, for those who have never heard of them, is a function which enables you to apply a series of attributes to a piece of text in the one operation.

You might, for example, have a series of captions for pictures in your document. Up until now, you had to remember what each of these individual attributes were so each caption looked the same. Now all you have to do is create a single style sheet called Captions and then apply it to each caption in your document.



▲ You can now choose between two types of notes in Wordworth 5. Endnotes that are inserted at the end of your document and footnotes which are inserted at the foot of the page.

Style sheets

There are two types of style sheets in *Wordworth*, paragraph based and character based ones. A paragraph based style sheet applies its attributes to one or more paragraphs while a character based style sheet can be applied to any number of characters without affecting the paragraph attributes of the text. This enables you to have a normal style sheet that is applied to all the text in a letter and a character based one for special pieces of text within that letter such as people's name.

Applying these style sheets to your text is dead easy. There are many methods you can choose from but one method that will have tongues wagging is the drag and drop approach where you simply drag the style sheet out of the floating palette and onto the text. As easy as that.

Style sheets can also be applied to pieces of text created by other *Wordworth* functions including contents generation, notes and so on.

ARexx

Another of the big headline features is *ARexx*. This addition enables you to create two types of *ARexx* scripts. One is called an *ARexx* Macro and this would be used for tying together one or more *Wordworth* functions in a script that can be called up to perform repetitive tasks.

The other type is the Wizard. This is basically the same type of script except that the aim of each wizard is to help you create documents interactively. *Wordworth* comes with a few examples that help you create a fax template, invoice, letterhead and so on.

The thing that struck me about these wizards is how easy they are to create. Let me say now, that I know nothing about *ARexx* or about programming but within an hour of getting a wizard from Digita, I had created my own interactive wizard that created a page, put lines where I wanted, typed out some text for me asked me a load of silly questions and much more.

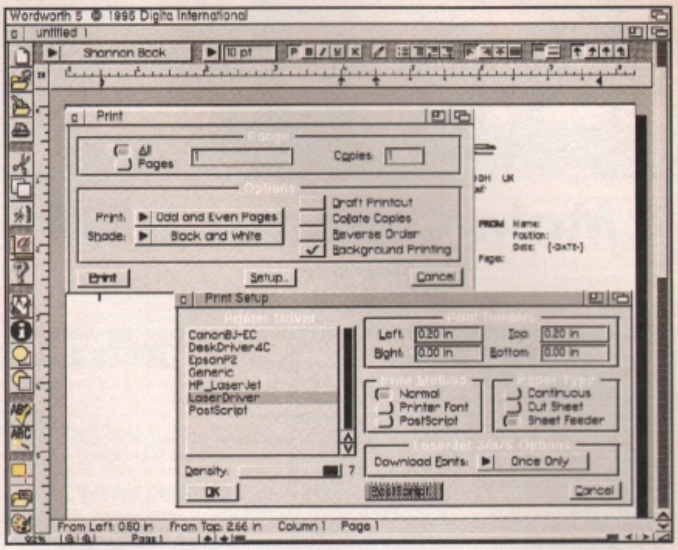
The possibilities are endless and although I feel Digita should expand on the available *ARexx* commands, the feature is still a lot of fun to play with.

Making notes

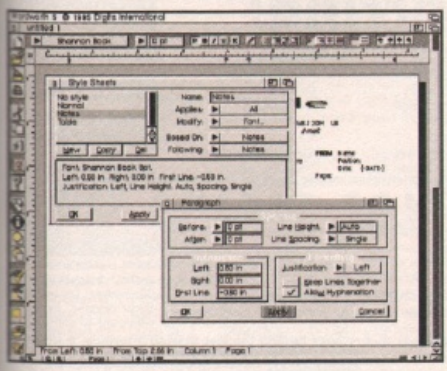
Notes is yet another of the new features in *Wordworth 5*. There are two types included, Endnotes and Footnotes. Using them is simple enough. The idea behind them is that you find a place in your document where you want to place a reference number

Wordworth - the Highlights

- Drag and Drop Style Sheets
- Interactive Wizards to help you create your documents
- Background Printing frees up the page in seconds
- Direct support for LaserJet 3 and above printers
- On-Line Help
- Template support
- Import Final Copy/Final Writer as well as many PC formats like RTF
- TextEffects
- Endnotes and Footnotes
- Custom Bullet Points
- Auto Correct to correct as you type
- New FontEffects such as configurable Small Caps and Super/Subscript characters
- Tables with import support for TurboCalc files
- Powerful Find and Replace including the font attributes as well as the text itself
- Contents and Index generation
- Mail Merge multiple records on a page



▲ Several new print enhancements have been added including the ability to print documents in the background and improved support for LaserJet 3 and above printers.



▲ Style sheets which first appeared in version 4SE, have been beefed up and are now among the most powerful in any document creation package.

which matches the same number attached to a note either at the foot of your page or at the end of your document.

Notes are separated from the main text by a line which is inserted automatically. This line can be the whole width of a page or only half the width. The style of the line and its endings can also be configured. The text for the notes can be automatically formatted by *Wordworth* using attributes from a style sheet.

Background printing

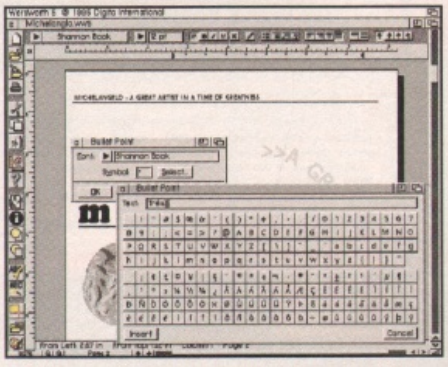
Of more significance to Amiga owners who have to suffer horrendous print times, is going to be the background printing feature. This is part of a number of new features under the title of QuickPrint.

Background printing simply tells *Wordworth* to save the file to memory and immediately releases the document so you can carry on editing it. When you consider that some pages can take hours to print, having the document released within seconds is a great move by Digita. Do remember though that the page will still take some time to print although now the print process won't stop you from carrying on with your work. LaserJet 3 and above owners also get something to play with. With most printers, if you use the printer's internal fonts, the choice is rather limited. *Wordworth* though is now able to create printer fonts from those fonts used on-screen and then download them to LaserJets. This means that although the first print may take a while to output, every page thereafter that uses those fonts will print much faster because it's using the fonts downloaded to your LaserJet.

As you can see, all these features are new and there are lots more. Ruler tools sees a lot of new buttons. One called Bullet Points for example, lets you take a paragraph and add a user configurable bullet at the click of a button. The bullet used can be selected from a panel which shows you all the characters available to a particular font.

Also in ruler tools are two buttons for indenting a whole paragraph left or right. In other words, if you want a paragraph to be shifted left or right in relation to the other paragraphs, it can be done quickly using these tools.

Yet another new function is one for placing *TurboCalc* spreadsheet files as a table in *Wordworth*. This can be used two ways, one where a new table is created or another where the information is placed into an existing table. This feature was still in testing stages as I wrote this review, but for those of you using *TurboCalc*, it will prove to be a very, very useful feature indeed.



▲ Bullets can now be added to a paragraph using a button in Ruler Tools. The type of bullet can be chosen by the user as can the font.

Importing Final Writer files

It is well known that many Amiga owners have both *Final Writer* and *Wordworth*, so it makes sense for Digita to have created a *Final Copy/Final Writer* import filter.

Like most filters trying to open a rival product's files, it works but there is generally a trade off in what elements it imports. The example I had, imported text OK, but other formatting support was still lacking.

What a bargain?

Overall, *Wordworth 5* is a big improvement on *Wordworth* 3. It's more than worth upgrading to. What I would like to see from now on is a beefing up of the current crop of features as well as some more specialist tools added and of course, a wider selection of *ARexx* commands.

Nobody can say *Wordworth 5* better than *Final Writer* or vice versa because they both still support a number of useful features that the other does not. The one you choose will depend on what specialist features you need as both programs handle the basics very well.

However, Do bear in mind though that to upgrade from *Wordworth* 3.1 only costs £29.99 and that makes *Wordworth* a real bargain for existing users. ■

Larry Hickmott

WORDWORTH 5

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
Any Amiga with Workbench 2.04 or above and 3Mb of memory, Two floppy disk drives or a hard disk.

ease of use.....92%
With ARexx Wizards to help you, using Wordworth couldn't be easier.

performance.....89%
Very good text and graphics handling. Could do with a few more drawing and document layout tools though.

value for money.....93%
With an upgrade price from Wordworth 3.1 of less than £30, version 5 is a bargain.

OVERALL
Great new features and low upgrade price.

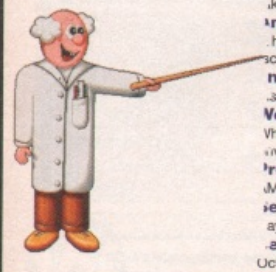
94%

GET STARTED

Multimedia At Its Best!

- ✓ Simple and Easy-to-use
- ✓ Educating and Informative
- ✓ Entertaining and Exciting
- ✓ Powerful and Amazing!

Main Contents List:



The History of the Amiga
Who invented it? The old Commodore, its bosses, ideas, mis-..kes etc. The Escom rivival and much more.

..miga Environment
..hat is your Amiga? Why is it so special? What is the ..scene"? Who are Amiga Technologies and what do they do?

..ne Amiga Hardware
..side, outside, ports, chips all explained

Workbench and DOS
What is it? Using it. Data and file management, Workbench ..vironment tips, the CLI, advanced WB and CLI tricks

..rogramming
AMOS, Blitz, assembly, C, Amiga E and AREXX examined

..ecome an Artist Overnight
..aytracing, 3D, animation, bitmap drawing analysed

..ecome an Amiga Music Maestro
Octamed explained, MIDI discussed, musicians interviewed

Getting Your Words into Print
Word processing, Desk Top Publishing, Printers, Clipart etc

Surfing the Super Information Highway
Intro to the Internet, Surfing the Internet, WWW design, Amiga Internet Providers, Amiga Internet software. The Amiga Technologies Internet pack taken for a test drive.

General Arena
Emulation, Operating Systems, Storage Systems, Amiga in Business, Multimedia etc etc etc

The Amiga Future
Where is the Amiga going? Amiga Technologies' plans, Amiga visions, possible industry comments. Amiga "Visions" - the companies that will bring us innovative products in 1996. We interview Intersect Developments, Fields of Vision and more.

And Finally
Credits, thanks and anything we have forgotten!

Also!

- Full version of DOpus v4
- Full version of Octamed v5.04
- Other full programs (TBC)
- 'Test Drive', exclusive version of Wordworth 3
- Limited Version of PPaint v6.4
- 'Get Connected' to the Internet - all you need, all ready to go!!
- Essential PD to Get Started!
- Exclusive stuff from various user groups and companies!

The world's first truly AGA multimedia, interactive compact disc. Designed for beginners, new users through to intermediate (and higher!) levels, it helps an Amiga user understand more about their computer and what it is capable of. Covers many subjects from raytracing to the Internet and from programming to music. Many 'well-known' experts and Amiga-buffs are contributing to this CD. They offer help, answers, tips, tricks and more. Want to know how the experts create a WWW page? Global Internet show how! Stuck using Internet software? John Kennedy explains all. Also contains forums, opinions and a look to the future with top Amiga developers. Comes with a FREE bonus beginners section with commercial programs, commercial demos and all the PD you need to Get Started, all ready-to-run. If you have an AGA Amiga with a CD player, then get this. PC multimedia CD's are here!

Above are four screen grabs ... an early version of the Get Started CD interface: The main page, colour windows, the floating ... tionary and an animation ex...

And Starring!

Kev and Gareth Craft	- Amiga MIDI	- MIDICraft
Steve Bye	- AMOS Programming	- F1 Licenceware
Ed Wiles	- Octamed in Depth	- Octamed Expert
Larry Hickmott	- DTP, Printers, Clipart	- LH Publishing
Peter and David Clarke	- 3D Animation	- The Room Upstairs
Simon & Co.	- 3D Architecture	- V.S.I.
Mark Thomas	- WWW Design/future	- Global Internet Ltd
Danny Amor	- The CD and German Mkt	- Freelance Writer
Jason Jordache	- Bitmap Graphics	- Freelance Artist
Dale Hemerway	- Animation	- Dalemation
David Taylor	- Storage, Emulation	- Freelance Writer
John Kennedy	- Internet etc etc etc!	- Paragon (Freelance)
Jeremy Ford	- PD Section	- Ground Zero Software
Justin Joyce	- Amiga DTV	- Axiom Video Services
Andrew Campbell	- AMOS 'Hands-on'	- AMOS Programmer
Richard Bannister	- Music (Soundstudio)	- MED Users Group
Spencer Jarvis	- Imagine 'Hands-on'	- Imagine Users Group

ADVANCED AMIGAGUIDE - AAG

Advanced AmigaGuide (or AAG) is the language that resides behind the Get Started interface. It offers ma... enhanced and powerful features over the old AmigaGuide language. To the left of this box is a list of the fe... tures AAG contains. AAG could be used in a multimedia product, interface front-end, on-line help progra... disk magazine and much more. Contact us for licence details. AAG should be available by May/June 199...

- **Fast Rendering of 8 bit (256 colour) Images**
  practically instantaneous display of 256 colour pictures even on stock 020 Amiga. There can be more than one 256 image displayed at one time with the palette sharer.
- **Is a Stand-alone Platform Unlike Other "Hypertext" Products (HTML Language etc)**
  does not need other programs such as MUI or AmiTCP to run
- **Allows Text, Picture and Gadget Links as Opposed to it's Pre-desessor**
  click on a picture or animated gadget and move to another page. Retrace back to your original position.
- **Allows the use of Sub-Modules Runnable as Commands**
  for instance, play and show an animation as a command by clicking on a button! The commands can allow you to "link" to anything and anywhere. Click a link and enable the dictionary etc.
- **Multiple Fonts & Add Colour from 256 Colour Pallete**
  you can use as many different fonts as you like. Just use the normal Amiga bitmap fonts in any size! You can also add colour to the text from a pallete of 256 colours. Highlight a word - add colour. Highlight different links - add colour!
- **Super Bitmap Window**
  cater for AmigaGuide files which take up more lines than is available
- **Downward Compatibility**
  is able to read old AmigaGuide format (and soon HTML pages)
- **Drawing Tools**
  AAG allows you to create lines, boxes, circles and colour them by using simple commands such as @DRAW 10-40,25-60 or @LINE 10,30,35 - using co-ordinates and lengths.

AAG - GUI OS VERSION

Advanced AmigaGuide (AAG) can be a direct replacement for the current AmigaGuide. In a native OS GUI version it looks very similar to the existing format, however it is very different. The language allows more flexibility such as the co-ordination of text, images and gadgets in upto 256 colours and can add more powerful features such as HTML decoding or use of multiple fonts on a page. AAG can also read old AmigaGuide files. It also uses the same techniques for writing ".GUIDE" files (see second picture): @NODE, @LINK, @COMMAND etc are the same as the old format, but new commands have been added such as @IMAGE, @REM, @MOD, @SECTION, @PAGE, @COLOUR, @BOX, @DRAW, @LINE, @GOTO, @CENTRE etc etc. This allows the user to quickly understand the simplicity of writing the documents/pages.

'ALL YOU NEED' SECTION

The 'all-you-need' section contains a carefully se... ed collection of read-to-run mater... ial: This section encompasses full (or limited) commercial programs such as **Octamed v5.04, Personal Paint 6, Directory Opus 4** and **Wordworth 'Test-Drive'** with commercial demos and superb public domain as chosen by Ground Zero. There are exclusive collections from M.U.G., the Imagine Users Group, MIDICraft, AMOSzine authors and Cloanto. The PD conte... are highlighted and examined within the Get Started inte... face. There is also a superb "Get Connected" area: all y... need, ready-to-run/install (all explained in the Get Start... interface!!) to get onto the Internet. Global Internet will be p... viding the access, so immediate 'net surfing! There are ma... more reasons to buy Get Started - it's like 3 CD's in ... Multimedia CD, Internet Software CD, Commercial Softwa...

The Get Started CD should be available from most good CD mail order and high street Amiga retailers. All rights reserved. Contents may be subject to change.

Out March 1996 [AGA Machines] German version due early April. **£29.99**

ZOOM

It's HERE! Zoom release 2 - now in ready-to-run and DMS format! Do you want the latest PD CD-Rom that contains the latest PD to January 1996? Contains the greatest and latest PD from two superb PD libraries. The interface must be the most easy to use CD interface on any CD. Coded by the co-author of the superb new Get Started CD - just point, read about the disk and click to extract. Superb and very easy to use. The contents have also been updated so you get all the latest PD until early January 1996 and loads more as listed opposite. Comes with an on-line help routine, multitasking search routine and hotkeys function. If you want 650MB's of the latest PD, then look here! Two formats - ready-to-run and the DMS format (for shops etc). The pictures below show the enhanced DMS interface in action.

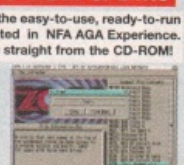
NEW - RELEASE VER-

- ✓ **New Search Routine**
  the multi-tasking search/find will seek file names or number
- ✓ **New 'Hot-Keys' Function**
  just press 'S' for search or 'E' for extract, 'Help" for help!
- ✓ **Restyled, Remastered**
  new help and information guide, restyled artwork! Superb!

- **Greatest & latest PD from early 1995 - January 1996 : Utils, games, demos, slideshows, education, disk mags and more!**
  - including most of this advert and loads of great PD software
- **NEW! 100 Klondike/Card Games Deluxe Cardsets**
- **NEW! The complete Active Software Pro Pack collection**
- **NEW! All the Professional Sound Samples [50 Disks]**
- **NEW! Over 25MB+ of read-to-view/use Magic WB icons etc**
- **NEW! Special 'programming' themed area**

NEW! READY TO RUN & DMS

NEW to ZOOM release 2 is the easy-to-use, ready-to-run format as first demonstrated in NFA AGA Experience. Allows the direct use of PD straight from the CD-ROM!



Superb value CD-Rom at only £19.99 NEW!

F1 LICENCEWARE
volume one - F1-01 to F1-100

Sick of the run-of-the-mill old PD CD releases containg collections from pre-1995?!? This CD contains the complete collection of F1 Licenceware titles from F1-001 to F1-100. Over 100 titles or more than 200 disks! This CD is worth well over £500, if the disks were bought separately. There is something for everyone on the CD - games, utilities, tools, professional clipart and music, beginners guides, educational programs and much more. Some superb material is contained within this CD-Rom: Blackboard v3 (image manipulation), Ultimate Quiz 2 (general quiz), Word Plus Pro (originally valued at £15!), Fortress (strategy God game), Relics of Deldroneye (voted best PD game ever by Amiga Format), ERIC (voted second best PD game ever), Powerbase (databse program), GRAC (superb 'Monkey Island' style adventure game creator with 000's of copies sold on floppy), Introduction to WB (best selling F1 Title), Absolute Beginners Guide to AMOS, Junior Artist (kids paint package) or Tots Time (one of many kids educational programs). Use some of the professional music within your games, with no extra charges. What about the clipart for your DTP documents? AMOS programmers have a field day with this CD - AMOSzine, guide to AMOS and AMOS supplements. Something for everyone. With a very easy to use AmigaGuide© interface with 80% of the programs running straight from the CD. Remember that the programs are commercial, with copyright owned by F1 Licenceware. **All programmers receive a royalty for every CD sold.** **£32.99**

COMMERCIAL SOFTWARE - NOT PD!

TEXTURE PORTFOLIO £29.99

...ction of textures has taken a staggering 5 years to complete. ...magoria are a professional graphics company, based in Bristol. ...ve been providing textures and backgrounds for video, ray-tracing etc. This CD consists of 500+ 24Bit backgrounds and textures, it includes the very high quality 24Bit JPEG files for video, graphics and multimedia work, Targa's for PC raytracing and GIF format for video titling applications. The various sections include Abstract - Phantasmagoria, Abstract - Oil Paints, Abstract - Mixed, Animal Skins, Clouds, Fire, Food, Masonry, Rock, Metal (6 sub-sections), Water, Wood Bark, Wood Grain, Miscellaneous. No wasted space on this CD-Rom - a collection of extensive tutorials. This CD comes with a full colour multi-page reference booklet for every single texture. An ideal complement to a raytracing CD such as Light Rom 3 etc. **Please note that all these textures are exclusive to this CD-Rom and cannot be found on any other collection.**

LIGHT ROM VOLUME 3 £38.99

...om 3 is the most ambitious issue to date, consisting of 3 CD Rom's! Rom 1 is filled with thousands of Lightwave objects and scene files, building upon previous issues. Rom 2 contains huge collections of 3D objetcs in different file formats including Imagine (175MB's), 3D Studio (100MB's), Sculpt (30MB's) and Real 3D (7MB's). It also includes 700 textures in the JPEG format and a Video Toaster directory with wipes and CG fonts. Rom 2 also has a collection of 3D landscapes in the Lightwave, Imagine and 3D Studio file formats and a collection of useful Amiga and PC PD programs. Rom 3 is a "DEM ROM", a bonus CD-ROM containing over 1000 digital elevation maps for use with VistaPro, Scenary Animator and World Construction Set (available from Blittersoft) on any platform. All Lightwave objects, textures and DEMs on this collection are represented with thumbnail renderings. Michael Meshew, the author of Light Rom 1, 2 and 3, has produced a CD that offers the World artistic talent for a reasonable price.

SALE Texture Portfolio & Light Rom 3 for £49.99

NEW! SPACEBALLS present.....

SCENE STORM

Scene Storm is a glorious feast of tempting eye candy produded by the legendary SPACEBALLS.
Amazing graphic and audio delights to show your friends what the Amiga can really do! This CD is packed with every major scene production from 1995, including all the releases from The Party 5 held in Xmas 95. Exclusive Digital Candy material is also included, ranging from music competition entries to acomplete Development suite. Scene Storm features an easy to use Magic Workbench interface that is simple to set up and a joyto use. Much of the contents of Scene Storm are presented as ready-to-run files through custom designed icons. No more trawling through archives and filling your hard disk with files. Includes: Productions from over 20 Scene Parties held throughout the world in 1995. All the best demos and intros from the last year, slideshows, music disks, the most popular disk mags and charts. Exclusive modules taken from the coolest demos as well as entries from Digital Candy BBS Music Competitions. A complete development suite that will allow you to learn how to code your own demos. Development utils are included along with exclusive and easy to follow source code. All purchasers of Scene Storm that own a modem can register to qualify for 3 months free downloading of the latest scene files from Digital Candy Bulletin Board. This would normally cost £15. This BBS is classed as *the* 'scence' board in the UK! Place your pre-order now as this will be the hottest selling CD throughout Europe!

ECS/AGA MIXED **AVAILABLE END OF FEBRUARY** **£19.99**

NFA AGA EXPERIENCE

NFA have been serving the Amiga 'scene' recently with an amazing amount of effort. Well known in the UK for their Bodyshop series, excellent AGA-only Word disk magazine and programs such as 'Balls', 'Boomin Eck' and 'enLock' present their first CD for the Amiga. Unlike other scene releases, this contains AGA PD from the last 3 years of which 90% will run straight from the CD! Contains the best WB3+ utilities and creative software (100MB), the greatest AGA games (100MB), high quality AGA slideshows (150MB), the most outstanding AGA demos (200MB), entertaining and informative disk magazines and the best of the rest including the licenced Amiga Reports and all the Amiga 'Doom' clones. NFA have also compiled loads of exclusive wares for the CD: slideshows, Klondike cards and more. All this and contained in superb exclusive raytraced iconified drawers set within a Magic Workbench environment makes the CD an absolute pleasure to use! This has got to be the most comprehensive CD-Rom for any AGA user. Want to show off the power of your new AGA machine you received at Xmas? Get this if you do!

SALE **£15.99**

ENCOUNTERS

A first for the Amiga. The UFO phenomenon has hit the computer with this excellent release. Forget the X-Files, UFO's are for real - here is the evidence! The most comprehensive UFO compilation ever. UFO and 'the unknown' fans will not be dissapointed with this release. Based on AmigaGuide it allows the interaction of text files and images on every possible UFO story. Received over 90% in a recent Amiga Computing review. The only Amiga CD source for UFO and the unknown related subjects. Buy your copy before stocks run out!

- **Ex-military and Navy testimonies**
- **Documents and text from the CIA, FBI, NSA, USAF and more**
- **Classified information on top secret projects such as SIGMA, GRUDGE 13, REDLIGHT, DREAMLAND, MJ-12, BLUEBROOK etc**
- **Who are the men in black (MIB)?**
- **Alien origins and technology**
- **Cattle mutilations**
- **Crop circles**
- **Alien abductions**
- **Landings and sightings**
- **Recovery of crashed UFO discs**
- **Government conspiracies and cover-ups**

SALE **£12.99**

THE AMINET COLLECTION

			£
Aminet 6	June 95		£-------
Aminet 7	August 95		£11.99
Aminet 8	October 95		£11.99
Aminet 9	December 95		£11.99
Aminet 10	February 96	[Out Now]	£11.99
Aminet 11	April 96	[Pre-Order]	£11.99
Aminet 12	June 96	[Pre-Order]	£11.99

AMINET COLLECTION VOL.1 £22.99
The Aminet Collection is a superb set of four CD's for any Amiga user. Contains Aminet 1-4, PD from '93 to December '94. 4 GIG's of data!

AMINET COLLECTION VOL.2 £24.99
Aminet Set 2 contains all the Aminet uploads since release 1. PD from December 1994 to November 1995. Gigabytes (four CD's) of games, utilities, demos, pictures, animations, tools, modules and more. Also contains 300 books from the Project Gutenburg CD-Rom.

AMINET SERIES BI-MONTHLY
SUBSCRIPTION SERVICE
Every time an Aminet CD is released (usually bi-monthly) we will send it to you for £11.99 - pay by credit or debit card. Card debited on despatch.

AMINET SET 2 OUT NOW

OCTAMED 6 CD-ROM

Octamed is the most easy-to-use, powerful and effective music sequencer on the Amiga. Designed for the beginner right through to a music expert. Octamed will allow you to play upto eight channels of sound on any Amiga. By using a fast processor (030) you can even use high-quality samples across all eight channels - effectively doubling the normal sound output (normally four channels). Octamed also has a built in sound sampler/editor, custom sound generator and MIDI support. This CD also contains over 600MB's of modules, the entire Walkabout sound sample collection and much more. Documentation comes in a on-line format and a laser printed, full-featured accompanying manual by Ed Wiles.

new release! **INCLUDES MANUAL!** **£29.99**

SCI-FI SENSATIONS vol.2

SCI-Fi Sensations is an exiting new CD-Rom containing over 1000MB's of science fiction images, music, animations, 3D objects for Imagine and Lightwave, sound FX, documents/text, themtunes, information and SCI-FI games. Categories include Babylon 5, Startrek (the Original, TNG, Deep Space Nine, Voyager and the films), Batman, Dr. Who, Thunderbirds, Robocop, Bladerunner, Aliens, 2001, Battlestar Galactica, TRON, Total Recall and many other films. All the information is ready to run from the CD. Amiga, PC and MAC. New version 2 is now available containing more SCI-FI data than ever before.

new version 2!! **DOUBLE CD-ROM** **£18.99**

...NG PEARLS 3

Contains 10MB of packing tools, 21MB of network tools, 29MB of development tools, ...graphics programs, 13MB ...ics, 60MB of CD-Rom ...MB's pasTEX, 30MB of ...etc. A very easy to use ...with a special edition ver... to edit your CD!

£8.99

MEETING PEARLS 2

Carrying on the excellent tradition this entire CD is run from HMTL "Internet" style pages. More utilities, games, tools, music and Midi, FAQ's, PasTEX files and MB's of other data. This CD is similar to the Aminet series except it could be classed as more technical.

SALE **£7.99**

C64 SENSATIONS

This CD gives you almost 10000 C64 demos and over 600MB of software. Mega demos, games, utilities for the Amiga and PC computers. Latest versions of emulators for both machines (the commercial version of A64 v3 for the Amiga). Superb collection for Amiga and PC.

SALE **£16.99**

TEN ON TEN PACK

Almathera collection consisting of ten CDs. They are: Terra Yankee, Pandora's CD, World Vista Atlas, Illustrated Shakespeare, CDPD1, CDPD2, Demo 1, Comms and Networking, Fonts & Clipart and Photo Library CD. A superb value CD collection.

SALE **£32.99**

WS ANIMATIONS

A double CD animation extravaganza!

All the animations are ready to run from the CD, through an Amiga Guide file system. Some stunningly large animations, some over 5MB in size. Suitable for both the Amiga and PC.

SALE **£14.99**

WS FONTS

Another popular Wierd Science compact disc.

This CD contains 2000+ Adobe and CG fonts, some PS fonts, 500+ bitmap, 190 coloured, 240 IFF, 139 Pgs, 24 Prodraw, 500 Truetype, 132 PCX, 300 GDOS and more!

£7.99

NETWORK KIT

Do you have one of the 'old' CD32's lying around in your house? Well, why not connect it to your Amiga and use it as an external CD drive. All you need to make the connected - the CD, disk (for the computer) and the cable. An A1200 is recommended.

£37.99

ASSASSINS 2

Following on from the tradition of the first CD this contains loads of new public domain games from 1994 and 1995. Entire Assassins collection upto 250, 60 utility disks and loads more games runnable from a superb custom written interface. Parnet and serial net provided for connection to host computers.

SALE **£15.99**

...BO CALC v2.1

A superb spreadsheet package now available on CD-Rom. Excellent formatting ...more than 100 functions and AREXX abilities ...tions), sheet size limited ...only, import of foreign ...ats and a comprehensive ...manual.

£9.99

LSD VOLUME 3

MB's of data, most of which have never before been included on a CD-Rom at release! Software in both ready-to-run and archived formats: demos, disk/mags, comms and computing, anims and pictures, music modules, original clipart, source code, games, utils, etc.

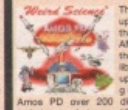
SALE **£14.99**

WS CLIPART

Must be nearly third in the most popular CD ever produced. Contains megabytes of B/W IFF bitmaps, colour IFF, procilps, EPS, Pagesetter, Pgs, IMG, Corel Draw and coloured brushes for Deluxe Paint. Bargain! This CD-Rom is suitable for Amiga, PC and MAC computers.

£7.99

AMOS vol.2



This is an update to the first AMOS CD - the official library disks upto 635, generally. Also disks. Amos PD over 200 includes, ready to run, 1600 source files, 100 sprite banks, 260 Ctext banks, 800 samples, music banks, Amos and Amos Pro extensions.

SALE **£15.99**

SOUND WORKSHOP

Over 1 Gigabytes of data on this double CD. Includes various formats (MDI, MIM), hundreds of MB's of music to listen to or change/edit for your own applications. Over 5000 modules, 1000 VOC files, 1000 WAV files, 1000 samples.

SALE **£14.99**

17BIT CD 5

Following on from successful Phase 4 CD-Rom this CD contains hundreds of megabytes of data from 17Bit Software. The 5th disc in this series contains only the very best software including demos, games, utilities, graphics, artwork, disk magazines, music modules and much more.

£18.99

WORLD INFO 95

Thinking about going abroad this year? Unsure about where to go? This is a virtual guide around the world. Explore different countries, learn different facts and information. You need a WWW browser and a machine capable of running in 256 colours for this CD.

SALE **£18.99**

SPECCY 2

Multi-platform CD with emulators for Amiga, Atari ST, Mac and PC. Loads of FAQs (Speccy related), games lists, wallpaper (.BMP) pictures for Windows and (.IFF) for Amiga. Over 100 different Speccy computer screens and loads of tape covers. Stuffed with over 150MB's of Spectrum games for a myriad of computers. sof .Z80 files.

SALE **£15.99**

...A GRAPHICS

Giga Graphics is the ULTIMATE collection of graphics for the AGA Amiga. Over ...ges on this quad-pack ...ages are in 24 Bit and ...hoto price for a CD's! ...all AGA Amiga owners. ...re of a landscape? What about a animal?

£29.99

AMIGA EXPERIENCE

Demo and full versions of Amiga software. Includes full version of Scala v1.13, Imagine v2. Vista Pro v1, The Edge v1.721, X-Copy, Clarissa v1.1 and demo versions including Image FX 2, Interplay, Turbo Calc v3, InfoNEXUS v2.5. All these are ready to run.

SALE **£18.99**

LIGHT WORKS

A superb compilation brought to you by Tobias J. Richter, reknown for his amazing spaceships of famous science fiction films. The objects are complex, highly detailed and seem very real due to the superb surface texture techniques used. A superb collection.

SALE **£24.99**

ADULT SENSATIONS 2

This CD is for adults only. New material such as new images, sounds, games, mods etc. If this material offends you in any way please refrain from purchasing the CD. Proof of age (18+ only) needed when buying this CD. No proof = no CD. We do not condone or supply hard core material

new!! **£18.99**

3D ARENA

A superb 3D CD that contains many objects for Imagine, Lightwave and Real 3D for the Amiga and PC computers. One exclusive aspect for this CD is the 24Bit Club's objects/images for Lightwave. You'll only find them on here! Also attribute files, tutorials, utilities.

£19.99

CD BOOT v2

This allows you to use any CD32 game on your A1200 or A4000. You can create a config file for every game. Comes with a complete English based manual and can run around 98% of CD32 games.

£24.99

SOUNDS TERRIFIC

This CD contains over 1.2 Gigs of sound and music data. It will form part of any professional musicians library or amateurs collection. 4,600 modules, 14,000 samples, 568 Sonix scores, 4500 instruments, 302 octamed modules and more!

SALE **£14.99**

COLOUR LIBRARY

1700 colour files with categories such as Animals, Boats, Buildings, Cars, Cartoons, Cats, Computers, Dinosaurs, Dogs, Fantasy, Fish, Flags, Inserts, Maps, Medical, Military, Misc, Painting, Photo, Places, Planes, Sci-Fi, Sea, Space, Sport, Star Trek, Swimsuit, Trains, Wars! You asked for a colour clipart CD - here it is! Colour clipart for nearly every occasion.

new!! **£8.99**

...ock many other ...ct discs. If you ...t see what you ...isted call us for ...e availability.

...mber we will ...h and try to beat ...mpact disc price ...within this maga... Call for details!

END OF SEASON SALE

Look out for the **SALE** sign. Offers end on the 22nd of March 1996. Normal prices (call) resume after this date. Please check availability before ordering.

Send your order to:
Active Software, PO Box 151,
Darlington, County Durham,
DL3 8YT, ENGLAND.
01325 352260
sales@active2.demon.co.uk

When ordering add 75p for postage. Orders outside UK add £1.00 on every CD for postage. Make cheques/P.O.'s payable to Active Software and send to the address below. You can pre order Get Started by credit card only - your card will not be debited until despatch of the CD-Rom. ZOOM release 2 is now available and in stock for delivery.

active SOFTWARE

POST HASTE

The Bungalow, Lyna, Canterbury, Kent, CT1 3JH

TEL: 01227-764204 9.30 am to 7.00pm

(Answerphone outside normal hours)

Any 3 titles £4.99 or less for £10.00
Any 3 titles £7.99 or less for £20.00
Any 3 titles £9.99 or less for £25.00

VISA

MasterCard

SOFTWARE
Some of the following games titles are limited offers at the time of going to press.Order Early to avoid disappointment

EDUCATIONAL
10/10 Early Essentials 9.99
10/10 Essential Maths 9.99
10/10 Junior Essentials 9.99
10/10 Maths (Number) 9.99
10/10 Maths (Algebra) 9.99
10/10 Maths (Statistics) 9.99
10/10 English 9.99
10/10 Structured Spelling 9.99
10/10 French 9.99
10/10 German 9.99
10/10 Dinosaurs 9.99
10/10 Driving Test 9.99
AD1English (11/12or12/13) 16.99
AD1English (13/14or14/15) 16.99
AD1French (11/12or12/13) 16.99
AD1French (13/14or14/15) 16.99
AD1Maths (11/12or12/13) 16.99
AD1Maths (13/14or14/15) 16.99
AD1Maths (12-16) 16.99
Cave Maze 10.99
Fraction Goblins 13.49
FunSchool 4 (7+) 16.99
FunSchool 4 (Under 5) 16.99
FunSchool Maths 7-11 16.99
FunSchool Maths Create 16.99
FunSchool Spelling 7+ 16.99
Kid Pix (Paint Package) 9.99
Maths Mania (over 8) 13.49
Mavis Beacon Typing 2 19.99
Mega Maths 16.99
Micro English 16.99
Micro French 16.99
Micro German 16.99
Micro Maths 16.99
Micro Science 16.99
Micro Spanish 16.99
Noddy's Playtime 16.99
Noddy's Big Adventure 16.99
Scooby's Fun Nos.(Not1200) 7.99
Thomas Fun Words(Not1200)7.99
Time Flies 10.99

HARDWARE
Marpet 4MB Accel. Board 149
Viper030 Accelerator 109
85MB HD 2 1/2 A600/A1200 155
170MB HD 2 1/2 A600/A1200 199
340MB HD 2 1/2A600/A1200 159
510MB HD 2 1/2 A600/A1200 249
850MB HD 3 1/2 IDE 179
1.7GB HD 3.5" External Drive 319
3 1/2" 15.2 External Drive/Blitz 119
A500 or A600 3.5" Int'l Drive 39
A600 1Mb upgrade 35
A500 Plus 1Mb upgrade 25
A500 512k Ram (no clock) 20
A500 512k Ram + clock 25
Romtec Vid 12 Pack 69
MegaMouse (Microswitched) 12
Mouse Mat 2
50 Blank Disks 17

CD32 SOFTWARE
Alien Breed 3D 20.99
Arabian Nights 7.99
Arcade Pool 10.99
Banshee 19.99
Bermuda Steel Sky 19.99
Bubba and Stix 9.99
Bubble and Squeak 9.99
Cannon Fodder 20.99
Chuck Rock 1 9.99
Chuck Rock 2 16.99
Darkseed 22.99
Deep Core 19.99
Dennis Menace 19.99
Exile 21.99
Fields of Glory 21.99
First Encounters 12.99
Frontier Elite 2 14.99
Gloom 16.99
Guardian 21.99
Heimdall 2000 9.99
Heimdall 2 22.99
Humans 1 and 2 4.99
James Pond 2 4.99
John Barnes Football 17.99
Kid Chaos 10.99
Kingpin Bowling 9.99

GAMES
Jaguar XJ220 4.99
John Madden Am. Football 9.99
Jurassic Park 10.99
K240 9.99
KGB 10.99
Kid Chaos 7.99
Kingpin Bowling 7.99
Kings Quest 5 or 6 10.99
Kingdom of Magic 10.99
Leander (oxygenosis) 7.99
Legends of Valour 9.99
Leisure Suit Larry 2 10.99
Leisure Suit Larry 3 11.99
Lure of the Temptress 10.99
Magic Pockets 2 7.99
Mega 29 Sensiblestorm 10.99
Monkey Island 4.99
Monkey Island 2 9.99
MORPH 7.99
Multiplayer Soccer 7.99
Napoleonics (3 Battles) 10.99
North & South (Not A12) 7.99
Operation Stealth 4.99
Oscar 7.99
Overlord 12.99
Pacific Islands 10.99
PGA Tour Golf 10.99
Pinball Dreams 4.99
Pinball Fantasies 7.99
Pinball Illusions 7.99
Pirates 6.99
Player Manager 2 13.99
Player Manager 2 Data 10.99
Police Quest 1, 2 or 3 13.99
Populous + Lands 10.99
Populous 2 9.99
Power Drive 9.99
Premier Manager + Editor 13.99
PP Hammer 4.99
Premier Manager 3 7.99
Prem.Man3 Multi-Edit 7.99
Prince of Persia 6.99
Realms 10.99
Reach for the Skies 11.99
Rick Dangerous 7.99
Rick Dangerous 2 4.99
Rise of the Robots 6.99
Road Rash 8.99
Robocop 3 4.99
Robocop 3 (JamesPond2) 4.99
Robo A.D. '92 10.99
Rugby '95 9.99
Rugby Coach 4.99
Sabre Team 7.99
Settlers 7.99
Shadow Fighter 7.99
Shadowlords (Not A1200) 9.99
Shuttle 10.99
Silent Service 2 9.99
Sim Ant 10.99
Sim Earth 10.99
Sim Life 10.99
Skidmarks 2 11.99
Space Hulk 7.99
Space Quest 3 or 4 11.99
Speedball 4.99
SteveDavisSnooker(Not1200) 4.99
Streetfighter 10.99
Striker 7.99
Stunt Car Racer 9.99
Super League Manager 9.99
Super Skidmarks Data 4.99
Supremacy 9.99
Switchblade 2(Not A1200) 7.99
Swiv (Not A1200) 9.99
Syndicate 9.99
Tearn Yankee 11.99
Tennis Cup 2 4.99

TOP TITLES SPECIALS
Oddesey, RuffinTumble, Scrabble,TurboTrax, Vitrocop,Sensible World Soccer, Super Tennis Champs . . . . . £16.99 EACH
7th. Sword Mendor, Cricket Masters, F1 Champion, F1 Masters-Football Masters, Sensible Golf), Stable Master, Ultimate Soccer Man,WORMS . . . . . £19.99 EACH
Thomas Tank Engine, Man Utd Double . . . . . £21.99 EACH
A320 Approach Trainer, Dreadnaughts Plus, Dreamweb, Colonization, Down Patrol, Dreadnaughts Plus, Dreamweb, F1PASoccer, Kings Quest 6, Lords of Realm, SuperStreetfighter2, ThemePark, Zeewolf 2 . . . . £22.99 EACH

Test Match Cricket 7.99
THE CLUE 9.99
The Patrician 13.99
Their Finest Hour 10.99
Their Finest Missions 13.99
Thunderhawk 4.99
Tiger Road 7.99
Topgear 2 9.99
Tower Assault-Alien Breed 13.99
Treble Champions 2 7.99
Turrican 3 11.99
UFO 6.99
Ultimate Golf (Not A1200) 6.99
Ultimate Soc. Manager 9.99
UNIVERSE 11.99
Unidium 2 7.99
Video Kid 4.99
Vital Light 4.99
War in the Gulf 11.99
Wembley Int'l Soccer 7.99
White Death - War Game 9.99
Wild Cup Soccer 4.99
World Class L'Board Golf 9.99
World of Soccer 7.99
XENON (Special Price) 4.99
Xenon 2 4.99
Zool 9.99

A1200 SOFTWARE
Int'l Open Golf 9.99
Jungle Strike 17.99
Lords of the Realm 22.99
Morph AGA 7.99
Overkill 13.99
PGA European 19.99
Pinball Illusions 19.99
Premier Manager 3 9.99
Rise of The Robots (AGA) 6.99
Road Kill 9.99
Robocod 7.99
Rugby '95 9.99
Rugby Coach 4.99
Sabre TEAM 7.99
Shadow Fighter 12.99
Sim City 2000(4MB/HDD) 19.99
Soccer Kid 9.99

A1200 SOFTWARE
Aladdin 19.99
Alien Breed 3D 20.99
Banshee 9.99
Bubble and Squeak 9.99
Civilisation AGA 21.99
CLUE 7.99
Coala 19.99
Dungeon Master 2 24.99
Exile 16.99
Fears 16.99
Fields of Glory 21.99
Football Director 2 9.99
Frontier Elite 2 16.99
Global Gladiators 9.99
Graham Gooches Cricket 9.99
Gunship Hornete 4.99
Heart of China 4.99
Heimdall (Not A1200) 7.99
Hero Quest 2 (Gorasil) 9.99
Indy Jones Fate Atlantis 11.99
Indy Fotes LC-Action 4.99
Int'l 1 Day Cricket 7.99

A1200 SOFTWARE
Star Crusader 19.99
Subwar 2050 11.99
SuperLeague Manager 11.99
Super Stardust 22.99
Super Streetfighter 2 22.99
Theme Park 22.99
Thomas Tank Pinball 11.99
Topgear 2 (Few Only) 9.99
Tower of Souls 6.99
UFO 11.99
Ultimate Soc. Manager 19.99
Ultimate Soc. Manager Data 7.99
Virtual Karting 16.99
Wembley Int'l Soccer 7.99
Xtreme Racing (Accel.) 19.99

CD 32 SOFTWARE
Legacy of Sorasil 17.99
Morph 4.99
Premiere 9.99
Pinball Illusions 22.99
Rebel Assault 7.99
Sensible Soccer Int'l 12.99
Shadow Fighter 9.99
Skeleton Crew 19.99
Speedball 2 19.99
Star Trek 25th Anniv. 21.99
Super Stardust 19.99
Super Streetfighter 2 19.99
Syndicate 24.99
Theme Park 22.99
The Clue 21.99
Top Gear 2 12.99
Tower Assault 19.99
Trolls 21.99
UFO 7.99
Ultimate Body Blows 9.99
Wembley Int'l Soccer 7.99
Worms 19.99

CD 32 SOFTWARE
Legacy of Sorasil 17.99
Morph 4.99
Premiere 9.99
Pinball Illusions 22.99
Rebel Assault 7.99
Sensible Soccer Int'l 12.99
Shadow Fighter 9.99
Skeleton Crew 19.99
Speedball 2 19.99
Star Trek 25th Anniv. 21.99
Super Stardust 19.99
Super Streetfighter 2 19.99
Syndicate 24.99
The Clue 21.99
Top Gear 2 12.99
Tower Assault 19.99
Trolls 21.99
UFO 7.99
Ultimate Body Blows 9.99
Wembley Int'l Soccer 7.99
Worms 19.99

ADVANCE BOOKINGS
You can order with peace of mind as we will dispatch on day of release. Your account will not be debited until released

SERIOUS
VIDEO & MULTIMEDIA
Scala HT100 39.99
WORDPROCESSING
Final Writer Release 4 77.99
Wordsworth 3.1 SE 21.99
Protext 46.99
DATABASE
Datastore 52.99
Infofile 9.99
SPREADSHEET
Maxiplan 14 22.99
DESKTOP PUBLISHING (WP/SS/DB)
Mini Office 37.99
DESKTOP PUBLISHING
Pagestream 3 194.99
CAD
X-CAD 2000 (Unboxed) 24.99
ACCOUNTS
Cashbook Plus 34.99
CashBook/Trial Accounts 42.99
GRAPHICS
Deluxe Paint V AGA 64.99
Brilliance 2 62.99
Photogenics 44.99
3D MODELLING &RENDERING
Real 3D Professional V3 109.99
Vista Lite 74.99
Makepath (Vista Pro) 64.99
TerraFormx (Vista Pro) 69.99
Essence 1 of Essence 2 9.99
PROGRAMMING
Blitz Basic 2.1 64.99
Dice C 22.99
Easy Amos (Few Only) 49.99
Hisoft Pascal 109.99
Hisoft Basic V2 14.99
Gamesmith 74.99
MUSIC
Music Sound ProSampler 29.99
Midi Interface + Lead 19.99
MISCELLANEOUS
PC Task V3 54.99
Disk Expander 24.99
GB Route Plus V2 34.99
Video Back-up 49.99
Vidi 4.99
BOOKS
Amiga 1200 Insider Guide 12.99
Amiga 1200 Next Steps 12.99
Amiga 1200 Tricks&Tips 12.99
Amiga Disks & Drives 17.99
Amiga Hardware Guide 12.99
Mastering Amiga Arnox 17.99
Mastering Amiga Dos3 15.99
Mastering Amiga Printers 15.99

Grandslam Collection
JETSTRIKE
BUMP'N'BURN
NICK FALDO GOLF
FOR CD32
ONLY £9.99

VISA, MASTERCARD, SWITCH, DELTA, EUROCARD, AMEXP. P.O. are despatched same day! Please allow 4 working days for cheques to clear. CHEQUES/P.O. payable to POST HASTE, 11a Burgate Lane, Canterbury, Kent,CT12HH. Overseas Orders add £2.00 postage for Software. Hardware-overseas postage charged at cost Prices are subject to alteration

TEL:- FAX NO: 01227 764700

All Prices Including Delivery to your Door

You name it!... We do it!...Just phone and we'll quote! WE STOCK ATARI ST, IBM/PC, COROM, MAC, SNES, SEGA, LYNX, JAGUAR, 3DO, C64 CARTS. MAIL & TELEPHONE ORDERS ONLY! NO PERSONAL CALLERS!
Allow up to 10 days delivery Uot of Stock Items.
All trade subject to our terms & conditions available on request.

EVERGLADE

TEL:/FAX:01667 454933

10, HIGH STREET
NAIRN IV12 4BJ

AMIGA DISCOUNT SOFTWARE

AMIGA

Andre Agassi Tennis £18.99
Another World £12.79
Approach Trainer £26.99
Arcade Pool £8.99
Archer Mclean's Pool £10.99
Cadaver / Payoff £12.99
Campaign £9.95
Cannon Fodder £12.95
Cannon Fodder 2 ..... £17.99
Captain Fizz meets the Blasterons £4.99
Championship Run £4.99
Championship Manager 2 ..... £18.99
Cybercon III £10.99
Dune I £12.95
Dune 2 ..... £12.95
Embryo £9.99
Eurochamps '96 ..... £24.99
F29 Retaliator £10.95
Final Over £10.99
Hard Nova £8.95
Heavy Metal £4.99
Hoyles Book of Games Vol. I £11.99
Hoyles Book of Games Vol. 2 ..... £11.99
Hoyles Book of Games Vol. 3 ..... £11.99
Hook £8.95
Gazza's Super Soccer £4.99
Indy Jones & Fate of Atlantis £8.95
Jungle Strike £12.95
Jurassic Park £12.95
KGB £12.95
King Quest II - Romancing The Stone £12.99
Loom £12.99
Mercenary £2.99
MIG29M Super Fulcrum £12.95
Monkey Island 2 - Le Chuck's Revenge £12.99
N.B.A. JAM T.E £19.99
PGA Tour Golf £12.95
Player Manager 2 ..... £13.99
Populous 2 ..... £12.99
Populous - Promised Land £10.99
Populous II £12.99
Premier Manager 3 Deluxe Edition £17.99
Realms £10.99
Road Rash £10.99
Seawolf 2 ..... £20.99
Sensible Golf £10.99
Sensible World of Soccer £18.99
Simon the Sorceror 2 ..... £20.99
Star Crusader £19.99
Shuttle £12.95
Striker £4.99
Supremacy £10.95
Temptris £8.99
Total Football £19.99
Tracksuit Manager 94/95 ..... £17.99
Treble Champions 2 ..... £12.99
Turbo Trax £14.99
Wing Commander £12.99
Wolf Child £8.99
Worms £18.99
Zeewolf 2 ..... Ask

AMIGA 1200

Alien Breed 3D £19.99
Another World £12.79
Andre Agassi Tennis £19.99
Arcade Pool £8.99
Archer Mclean Pool £10.95
Cadaver - The Pay Off £12.95
Cannon Fodder 2 ..... £17.99
Championship Manager 2 ..... £18.99
Chess £19.99
Curse of Enchantia £12.99
Desert Strike £10.95
Dune I £12.95
Dune 2 ..... £12.95
Elite 2- Frontier £10.99
Embryo £9.99
Eurochamps '96 ..... £24.99
Exile £19.99
F-15 Strike Eagle II £12.95
Fears £19.99
Gloom £11.99
Gloom Data Disk £10.99
Hoyles Book of Games Vol. I £11.99
Hoyles Book of Games Vol. 2 ..... £11.99
Hoyles Book of Games Vol. 3 ..... £11.99
Kings Quest II-Romancing the Stone £10.99
Leading Lap £19.99
Loom £12.99
Monkey Island 2-Le Chuck's Revenge £12.99
Obsession. (A1200) £24.95
Odyssey £18.99
Pole Position £19.99
Populous II £12.99
Primal Rage £19.99
Putty Squad ..... P.O.A.
Realms £10.99
Road Rash £10.99
Ryder Cup Golf £9.99
Seawolf 2 ..... £20.99
Secret of Monkey Island 2 - Le Chuck's Revenge £12.99
Sensible Golf £14.99
Sensible World of Soccer £18.99
Simon the Sorcerer 2 ..... £29.99
Speris Legacy £19.99
Star Crusader £19.99
Striker £4.99
Superloopz £12.99
Supremacy £10.95
SWIV £8.99
Total Football £19.99
Turbo Trax £14.99
Wolf Child £8.99
World Class Leaderboard £4.99
Worms £18.99

CD32

Alien Breed 3D £19.99
Andre Agassi Tennis £18.99
Blitz Tennis £19.99
Blitz Bomber £18.99
Fears £18.99
Gloom £14.99
Gloom II £18.99
Simon the Sorcerer 2 ..... £24.99
Super Streetfighter 2 ..... £21.99
Worms £18.99

AMIGA ACCESSORIES

Mock-E-Mouse / Cybershot Twin Pack £14.75
Mock-E-Mouse gives joystick control to all mouse functions, Cybershot converts any standard Amiga joystick into a 'Deadly Autofire Stick.

DUST COVERS

A1200 ..... £3.95
CD32 ..... £3.95

JOYSTICKS

Jupiter Stick £7.99
Technoplus Joypad £8.99

MICE

Alfa-Data 400Dpi Mouse £9.99
Amiga / ST Switchable Mouse £12.95

AMIGA COMPUTERS

A1200 (c/w Pinball Mania,Wordsworth SE £379.99
A1200 with 170 Mb Hard Drive £479.99

DISKS

10 ..... £2.25
50 ..... £9.00

AMINET DISKS

8/9/10 ..... £12.95 each

Ask about EVERGLADE P. D. Library

ITEMS SUBJECT TO AVAILABILITY. P&P is FREE. Europe add £2 per title. Rest of World add £3.50 per title.
ACCESS and VISA NOW ACCEPTED.

Epson Stylus IIs

■ Price: £238 ■ Developer: Epson ■ Supplier: Epson ✆ 01734 303681

Regular readers of CU Amiga Magazine will know that we're long time fans of Epson's Stylus range. When we first reviewed the Stylus range we were impressed by its 720 dpi output which produced print quality the like of which hadn't been seen before in a low cost printer. As a result, the Stylus range quickly found a home in many Amiga users set-ups.

Cheaper version

To build on its successes, Epson have come up with the idea of taking the technology found in more expensive Stylus printers, cutting back some of the less important aspects: speed, buffer size etc and releasing lower priced models. The Epson Stylus II is one of these new reduced cost models.

This idea of releasing low cost versions of higher priced, higher spec printers is not new and in some cases has not always been a good idea as sometimes the low cost versions end up as the poor relations of the original and don't perform properly at all.

However this is not the case with the Epson Stylus, it definitely looks and feels like one of the Epson range. The colour reproduction is really superb for a printer in this price bracket. If you want to print out colour pictures with lots of colours you want this. Sadly, there are some annoying banding faults, which is odd because other Stylus printers I've seen have stood out for their lack of banding and paper waving.

Blots

Black and text reproduction, however, are disappointing. Pure black output comes out as off-black – hmmm, while text output is very poor. Also, there are numerous rogue ink drops around characters and it also seemed to take quite a while to pump out text only pages.

Apart from these problems the Stylus II is still very much a part of the Stylus range which is good. All in all for colour graphic output the Stylus II is a great low cost choice. Just avoid it for black or text only work. ■

AL

CD32 A500 A500+ A600 A1200 A1500 A2000 A3000 A4000

89%

Hewlett Packard 850c

■ Price: £450 ■ Developer: Hewlett Packard ■ Supplier: Hewlett Packard ✆ 01344 461 274

For the price of this inkjet from Hewlett Packard you could buy yourself an entire new system and quite a good one at that. So what's it got to offer for so much money? Well, for starters you get colour 600dpi output and an output speed of six pages a minute for black and white printing. Tempting, but then the Epson Stylus model above offers 720dpi. However, the HP model has 1Mb of RAM, plus a 32k buffer, which should mean your system can send files to the printer faster (so you get back to using the application quicker).

No swopping

A real bonus of this printer is that it can fit both colour and black cartridges simultaneously. Why is this a bonus? Well, Colour inkjets work by having cartridges which contain several different colour inks (usually three or four) which are then mixed to produce other colour combinations. However, this system, while good for colour, fails when it comes to printing true black – invariably you end up with a tinted black. The only solution for this is to stick in a dedicated black unit, but this means that for jobs that have both colour and black ink in them you end up having to stop and swop cartridges during the printing which is inconvenient and slow. The HP printer doesn't suffer from this problem because you it can handle both colour and black cartridges simultaneously. Having two cartridges (one black, one colour) makes the printer more suitable for complex documents containing both text and pictures.

Quality output

The output quality is very respectable. Not up to Stylus quality but still more than good enough for home use. Blacks are very respectable: dark, solid, and refreshingly free of banding. Even on large areas of continuous ink, where traditionally the volume of ink on the paper would cause it to ripple, HP's ink composition kept it relatively free of 'paper waves'.

On colour prints however I experienced some banding, although only over areas of heavy ink deposits. In other respects the colour output quality was very, very good. Although still obviously from an inkjet the output was some of the best I've seen. There was a little interference – where ink from surround pixels overflows and discolours the currently printed area – but nothing significant.

Overall, the 850c is a very respectable printer and ideal for home or business use. Certainly for colour use it's definitely worth a look, although it's rather expensive. For black and white graphics or text only work however I'd recommend you take a look at some of the low cost laser printers that are now turning up. ■

AL

CD32 A500 A500+ A600 A1200 A1500 A2000 A3000 A4000

80%

Tried and Tested Methods

To test these printers we used *PageStream*. Firstly because it's a DTP program, and hence ideal for creating pages composed of both text and graphics – structured and bitmap. Secondly, because it comes with lots of printer drivers. In the case of the HP model we used the PCL printer drivers.

'Green' Pen Mouse

■ Price: £19.95 ■ Developer: Golden Image ■ Supplier: Golden Image ✆ 0181900 9291

Some manufacturers are taking this 'green' lark a too far. Billed in capital bold letters as a GREEN product, the only thing green about this unit is that the box is apparently recyclable. However, having never tried a pen mouse before I was looking forward to trying it out.

When I got it out the box though, I was sorely disappointed. It looked cheap and the plastic ball sticking out the bulbous business end rattled like a kid's toy. Also the pen's design didn't make it very easy to use.

Odd angle

The angle you have to hold it to comfortably use the buttons and keep the ball tracking effectively is completely wrong as far as I'm concerned. But because everyone holds a pen slightly differently I asked five people to try it out and no-one could get comfortable. To use it I had to hold it unnaturally and this made my hand tired very quickly.

Ten thumbs

Otherwise, how did it perform? Terribly. For a start the resolution is only half what it should be. As far as I'm concerned, the idea of a pen mouse is to allow you to draw (or write) things on screen in a similar way to doing it directly on to paper. It follows that this concept could only work if the pen mouse had a higher resolution than a normal mouse: you just don't want to have to move it move it all over the mat. Also, unlike pen to paper where you are looking down directly at your results, in this case you have to look at the monitor and almost blindly use the pen. And this unit just lacks the necessary feel for this. It was as though I had 10 thumbs every time I used it.

Alas, the buttons are also pretty useless. They are positioned on the top near the ball end and although accessible using your index finger while holding the pen pinched between the thumb and centre digit, the left mouse button equivalent (the long curved button at the bottom) must be sprung with an ant's leg, it offers such little resistance. It takes its time springing up again once pressed too. This makes double-clicking an imprecise affair. The 'right' button button is positioned further up the body and is awkward to use too, though more reliable.

Even users trying for the natural feel in an art package would be far better served with a decent 560 dpi mouse for the same sort of money. Steer well clear of this joke. ■

MB

CD32 A500 A500+ A600 A1200 A1500 A2000 A3000 A4000

21%

ScreenBeat Sub-Woofer

■ Price: £149.99 ■ Developer: Logic 3 ■ Supplier: Logic 3 ✆ 0181 900 0024

Do you pine for more audio amplification? Do you wish that when its time to blow the *Gloom* ghosts away or compose your own brain-spinning groove you could really crank up the audio? If you do then Logic 3 have the sonic steroid you need. Their new speaker is a 100 watt subwoofer and satellite speaker combo designed to rumble with the best of them.

The main boom box is housed in tower unit that could, with a little imagination fit, into the set of an original StarTrek scene, while the two left and right units look like traditional computer speakers. All three are cased in an Amiga-ish off-white colour and sit comfortably along side all models.

Loud enough?

In pure watts per pound terms Logic 3 should do well, on paper anyway. However, when wired up and pumping out sonics we were slightly disappointed. Sure it does a good job, with a hefty bass able to throb, but it when the volume was cranked up it just didn't seem loud enough – for this kind of money we expected it to be a lot louder. At this point I should point out that it's loudest is still too loud for prolonged use in a normal environment, but on those rare occasions when you want really loud sound the Logic 3 won't hack it – which is annoying as this is one of the reasons you'd buy such a unit.

Assuming you're not judging this on wattage terms alone however you won't be disappointed. Explosions in *Gloom* and *Zeewolf* rumble the floor, while punches and kicks from Kung Lao and his buddies in *Mortal Kombat* really hurt. Higher frequency sounds, produced by the satellite speakers rather than the sub-woofer sound clean and clear, although some of the very high frequencies get a bit lost in the overall mix. Normal music and sampled sounds were also produced ably, although it doesn't handle really heavy bass tracks as well as might be expected from a system that after all was designed with Bass reproduction in mind..

Money's worth

For top sound this sub-woofer produces the goods. Although a lot of dosh, some one hundred and fifty gold coins, you'll find it hard to match the bass and volume it pumps out for less. It should also be remembered that if you already have a CD32, or Amiga with CD drive, adding this unit will give you a respectable CD amplifier for a lot less than a new Hi Fi. ■

AL

CD32 A500 A500+ A600 A1200 A1500 A2000 A3000 A4000

83%

Datastore 2

AMIGA MAGAZINE SUPERSTAR

■ Price: £49.99 ■ Developer: Digita ■ Supplier: Digita ✆ 01395 270 273

If you want to keep your life in order and sort out that gigantic video or wine collection, then you need a database. Digita updates their popular info-mine ...

A little while back two flatfile databases appeared in rapid succession: *Final Data* by Softwood and *Datastore* by Digita. Both were reasonable, and ideal as Amiga-versions of the sort of common paper card file databases found in millions of offices and homes around the world. Now Digita return with a new rendition of their program – *Datastore 2*.

Improvements

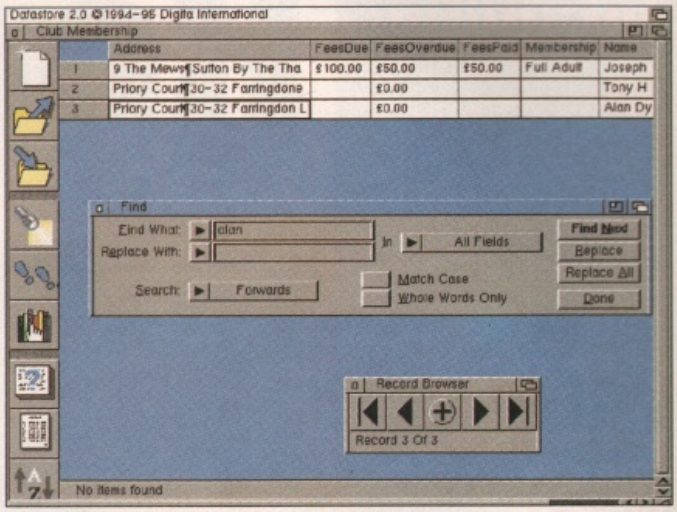
At first glance there wouldn't appear to be any major new innovations in *Datastore*. Admittedly it can now open on Public Screens – you're no longer limited to working in resolutions and colour palettes that Digita chose – so it looks different but the architecture of the screen layout remains the same.

However once you get into the user interface there are some subtle but important improvements. Perhaps the most important of these is that the Find dialog can now be left open all the time, even while you do other things with the program. This may not sound special but given that databases are aimed at maintaining lists of data and interrogating them to order the ability to constantly find particular records and edit them without having to open and close a requester is very, very useful.

Another useful improvement is the List View, which shows records vertically with individual fields being displayed across the page – like a spreadsheet. When viewing records in this manner it's possible to drag records to and from the display to customise it to your tastes. This is definitely a shot across the bows of *Final Data*, which looks like a spreadsheet that's been converted into a database. It'll be interesting to see what SoftWood do in response.

Faster?

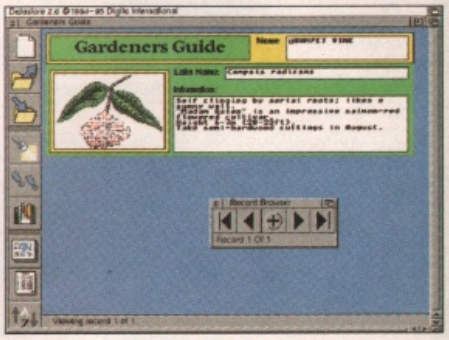
Digita are also claiming that this new version has faster data loading and saving times, and that they've increased the overall reliability of the program. Although reliability is always a tough factor to judge they've certainly boosted disk accessing times – on my stock A1200 a test database I built took almost a second less to save to floppy than previously!



▲ The new Datastore 2, complete with List views and the ability to keep the search requester open while you do other things in the program – both very, very, useful.

These new tricks join *Datastore*'s armoury of existing facilities (extreme ease of use, the ability to include pictures with your data, and freeformat database design) to make it a very flexible and able database. In fact I'd now go so far as to say that it's probably the leading non-relational database on the Amiga.■

Andy Leaning



▲ It looks just like the old version, but Datastore 2 has many new features just waiting to be used.

Flat what?

Datastore and its rival Final Data are what's known as flatfile databases, which means that they work like the old card files found in homes and offices. Let me explain. Imagine having a desktop file, and for each person you know it contains a piece of card and all the data relating to each person is written on this card. Very simple, easy and effective but also limiting. If for example you had a list of friends you play darts with on one set of cards and another set of cards listing the members of a football team that you're part of, you'd have to create a new set of cards simply to cross reference the names and addresses of people who appear in both.

The alternative is a relational database, which allows you to have multiple databases and use the information in one with another – so you could simply call up the address records from the darts database while you're using the football file to find out if there are any crossovers. Even better, if you update one, the other is automatically kept up to date too! If you're looking for a way of entering, maintaining and indexing lists of data, a flatfile database (Datastore 2) is what you want.

DATASTORE 2

A500
A500+
A600
A1200
A1500
A2000
A3000
A4000

system requirements:
Will work with all Workbench 3 Amigas

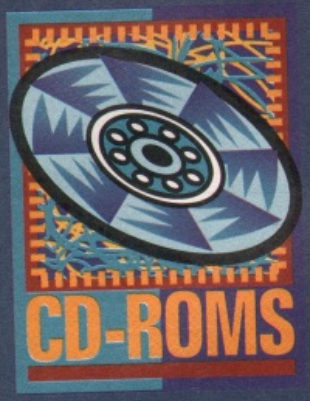
ease of use 92%
Very simple to master and use. One of the best.

performance 91%
Definitely faster, though previous versions were speedy enough.

value for money 91%
It's competitive on Amiga and cheaper than databases on alternative formats.

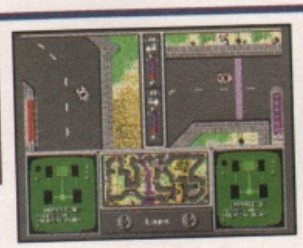
OVERALL
If you want value and power, look no further

92%



CD-ROM Round Up

Tony Horgan rounds up ... er two CDs this month ... but there's lots on them, honest.



Assassins Ultimate Games Vol 2

The Assassins are well known for their regular floppy disk compilations of PD games. They don't write the games themselves, they just handle the production of the compilations. This CD is their second CD-ROM release, which includes all of their previous floppy releases in DMS archive form, along with hundreds of 'new' PD games ready to run from the disc.

PD game compilation CDs are always a bit hit and miss. To their credit The Assassins seem to have put quite a lot of effort into ensuring that the games on this CD work on most Amigas, but during our tests the failure rate was annoyingly high. In the main the the CD was tested on a CD32 and an A1200 with a 50MHz 030 accelerator and an extra 4Mb of RAM. One problem that often occurs with similar CDs concerns the differing controls of each game; some require a keyboard, others expect joystick or mouse input or any combination of the three. After you select your game from the menu you're told which controls the game requires. There's also a selection of utilities, instructions and help files on the disc, along with some networking software.

Unfortunately the quality of most of the games is awful. Shaky AMOS creations and unexciting re-vamps of ancient computer games account for most of them. There are a few expertly-crafted updates of old coin-op favourites, such as Deluxe Galaga, and some neat Workbench hacks like Lander (complete with "The Eagle has landed" NASA samples. If you feel it's worth buying the CD for a few gems then go ahead, but don't expect a disc full of decent games.

Available from: Active Software, PO Box 151, Darlington, Durham DL3 8YT. Tel: 01325 352260. Price: £18.99 plus £75p (Europe) £1 (ROW) P+P.

50%

Phase 3

Anyone looking for a decent CD-ROM of images and fonts for DTP and DTV will find Phase 3 an attractive option. The data on the disc is made up of three main groups: fonts, clip art and images.

There are four types of fonts included: Compugraphic, PageStream, Type 1 and IFF 'clip fonts'. There are stacks of them and they all come with preview screens that can be viewed with a double mouse click. The disc is worth the price for the fonts alone.

Next there's the clip art, which comes in colour IFF and mono IFF formats. The mono clips are different to the colour clips, covering the following areas: events; military; miscellaneous; sport; transport; work and world. The colour clips cover five main areas: flowers; insects; mammals; trees and Christmas. Each of the directories comes complete with its contents in the form a thumbnail preview screen. This means that you can scan the whole directory by viewing just one or two preview screens, then grab the file you want, rather than viewing each one in full.

Finally there's the images section. Unlike the clip art images, these are full screen digitised photos, generally of a high quality. The subjects covered are as follows: backdrops; bikes; boats; castles; cats; classic cars; Dungeons and Dragons; Dr Who; Deep Space Nine; fractals; girls; Greece; hunks; Heavy Metal (the comic); Italian cars; movies; robots; Star Wars; water life; White (fantasy) and Patrick Woodroffe (fantasy). Each image is supplied as a 16, 256 and 4096 (HAM) colour IFF file. The same preview indexes are used here as with the clip art.

This is one of the best DTP/DTV CD-ROMs on the market. Recommended to anyone in need of some quality ready-made graphics and fonts.

Available from: EMC Computergraphic, 8 Edith Road, Clacton On Sea, Essex CO15 1JU. Tel: 01255 431 389. Price: £24.99 plus £1 P+P.

85%

EPIC MARKETING AMIGA SOFTWARE

Basically this is a 3 disk compilation of tools which should really have been on Workbench. eg: Virus Killer, Fast text editor and displayer. Menu system, File manager, A few Workbench games and more. Only £7.00

☐ BOF7-3. STUFF COMMODORE FORGOT

Text Engine is the easiest to use Wordprocessor package available on the Amiga. It even includes a competent Spell check feature. Suitable for all Amiga's. Only £3.00

☐ TXE3-1. TEXT ENGINE

News maker is a simple to use colour Desktop publishing package. Import your own graphics, text etc. Compatible with all popular printer makes.

Only £4.00

☐ NRL4-1. NEWS MAKER

Create your own fascinating 3D magic eye images with ease. This package includes The Random Dot Stereogram generator and a number of ready to use images. Only £3.00

☐ RDS3-1. MAGIC EYE KIT

Professional graphics converters, can convert graphics between the Amiga, PC, Mac & Atari ST. Supports GIF, TIF, FF, PCX, BMP etc. Kickstart 2 or above recommended. Only £5.00

☐ GFC5-2. GRAPHICS CONVERTERS

A six disk collection of Video titling tools, video wipes, fonts, Video titlers, Subtitle generator, Video backdrops etc..... Suitable for use stand-alone or inconjuction with Scala etc.... Only £12.00

☐ VID12-6. VIDEO TITLING TOOLS

A collection of essential hard drive maintenance tools. Like: disksalve 2, HDbackup, HD Menu system, Virus Checker, and dozens more.

Only £5.00

☐ HDT5-2. HARDDISK TOOLS

A powerful set of cataloging tools. Catalogue your Record, CD, Video and disk collection with ease, and search on any aspect or field. Suitable for use with Kickstart 2 & 3 only. Only £5.00

☐ CTG5-3. CATALOGUERS

Little Office consists of a powerful Wordprocessing package, a spell checker, A diary system, a name and address database, and a powerful spreadsheet. Kickstart 2 or above. Only £7.00

☐ LOF7-3. LITTLE OFFICE

Around 50 scalable compugraphic fonts for use with Wordwortr2&3, Pagestream, Workbench 2&3. High quality printout from 5point upto 100point. Only £7.00

☐ PSF7-3. COMPUGRAPHIC FONTS

If you've just got a new A1200 hard disk then to prep & install it correctly you'll need the correct software. This software comes supplied on 2 disks. If your gonna do it, do it properly. Only £7.00

☐ AHD7-2. A1200 HARD DISK INSTALLER

Dozens of easy to follow recipies. If your a budding Ian Beale or Floyd then this gourmett cookbook is just the thing for you. You'll be a professional in no time. *Be sure you test your cooking on your in-laws first!* Only £3.00

☐ GCB3-1. GOURMET COOKBOOK

If you've just purchased your Amiga you may be a bit boggled how you use it properly, Well this five disk set take you through the CLI/Shell, Workbench step by step showing you every thing you need to know. Only £9.00

☐ ABG9-5. AMIGA BEGINNERS GUIDE

Mono Pagesetter clipart contains hundreds of great mono clipart images for use in any version of Pagesetter. Subjects include: Animals, People, Transport, Hi-tech, Computers, Sports, etc.... Only £3.00

☐ MPC3-1. MONO PAGESETTER ART

An essential collection of disk recovery & salvage tools for any Amiga. Weather a floppy or your Harddisk has concieved an error this package will see you alright. Easy to use. Only £5.00

☐ DRT5-2. DISK RECOVERY TOOLS

It's time to put on your shorts and dig the garden.. NOT. Now the best way to get out of doing this is to use the excuss that you are far to busy designing the garden to actual do it! Only £3.00

☐ GRN3-1. 3D GARDEN DESIGNER

A collection of over 100 popular and more unusual printer drivers. Supports the canon, Panasonic, Star, HP, range of printers aswell as hundreds more.... Very easy to use installation procedure. Only £3.00

☐ DRV3-1. PRO. PRINTER DRIVERS

Miscellanous colour clipart images. Around 100 in all covering: cats, dogs, cars, trees, planes, boats etc.... Suitable for use in any Paint or Desktop Publishing package. Only £9.00

☐ CCP9-5. COLOUR CLIPART

Word finder Plus is the most powerfull AMiga crossword solver available to date. Can solve anagrams, crosswords etc. contains a dictionary of over 50,000 English words, and you can easily add your own. Only £5.00

☐ WFP5-2. WORD FINDER PLUS

There are over 1000 Amiga viruses currently "doing the rounds". So catching one isnt a hard thing to do. This collection of Virus killers is updated regularly. So you can be sure you'll be able to detect and kill all known viruses. £4.00

☐ VIP4-2. VIRUS KILLERS

Over 130 top quality colour images from the Lion King cartoon film. Each image is stored as ready to use IFF so can be imported into ANY paint or Desktop publishing package. Only £6.00

☐ LKA6-3. LION KING CLIPART

Magic Workbench is an inavative replacement Workbench. Gives you a completley new 8 colour updated Workbench. A hard disk is highly recommended. Various extras disks are available seperatly. Only £3.00

☐ MWB3-1. MAGIC WORKBENCH

Essential for Beginners is a collection of files essential for the smooth uninterupted use of your Amiga. All the most asked for libraries and Viewers are included like More, Muchmore, PPmore, etc. Only £2.00

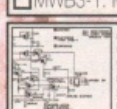
☐ EFB2-1. ESSENTIAL FOR BEGINNERS

If you've got a tempremental Amiga the The Engineers Kit is what you need. You can test your Drives, Your Hard disk, Memory, Keyboard, Sound chips, graphics chips, Mouse, joysticks etc.... Only £3.00

☐ ENK3-1. ENGINEERS KIT

The disk doubler can thurstly double the space available on your harddisk. If you've got an 80mb drive you'll end up with over 130mb. runs on any Amiga silently in the background. Only £5.00

☐ EPU5-2. DISK DOUBLER



An updated 2 disk version.... Contains dozens of DIY hardware kits, like how to fit your A1200 into a mini tower PC case, build your own sampler, memory expansion, CD32 Link lead etc, etc. Only £4.00

☐ HWP4-2. HARDWARE PROJECTS

Three Stratrek games. Includes: Startrek the Arcade game. Stratrek TNG, and the Original Startrek. Decompresses to SIX disks.

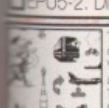
Only £6.00

☐ STG6-3. STARTREK GAMES

Play hundreds of classic Spectrum 48 games on your Amiga. This very easy to use Emulator will run on every Amiga, The faster your machine the faster/smoother the games run..... Games include: Skool daze, Manic miner, Little computer people, Monty mole, Startrek, The Sentinal, etc...

Pack1. (SPE5-3) Speccy em & 50 games. Only £5.00
Pack2. (SPG15-7) 100 classic games. Only £15.00
Pack3. (SPG35-33) 400 classic games. Only £35.00
Pack4. (SEH40-1) Speccy em, 50 games and tape deck interface. Only £40.00
(CD119) Speccy Sensation2 CD Only £17.99

☐ SPECCY EMULATORS



The Professional mono clipart collection consists of 10 disks featuring hundreds of VERY high quality mono images. Subjects are included like: Xmas, Animals, Transport, People, Eyecatchers etc. Only £13.00

☐ GFX13-10. PRO. MONO CLIPART

Contains Three superb easy to use Typing tutors for the Amiga. Suitable for the complete beginner or anyone who at the moment types with one or two fingers... Only £3.00

☐ TYP3-1. TYPING TUTORS

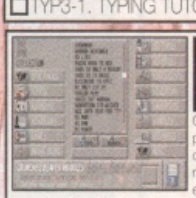
Play your old Commodore 64 games on your Amiga. Includes around a dozen of the most loved C64 games and the latest and fastest available C64 emulator. Remember the good old days! Only £5.00

☐ CBM5-2. C64 EMULATOR & GAMES

The Ultimate Chess & Tutor 2, suitable for any 2mb+ Amiga. Contains tons of Inbuilt speech, and great graphics. Suitable for the learner of semi-pro.

Only £7.00

☐ JIT7-3. CHESS & TUTOR 2



THE EPIC COLLECTION

Amiga CDROM - Version2

Contains every one of these advertised titles plus thousands more of our most popular floppy based software titles on one giant CD-ROM. Now you can purchase the entire Epic collection in one go. This compilation contains hundreds of megabytes of Amiga software. Features a superb new multimedia Amiga front-end. Catagories include: Colour, Bitmap, Compugraphic fonts & Adobe fonts, Graphics converters, Music tutorials, Beginners guide, 3D stereogram generators, Hundreds of Sound FX and samples, Virus Killers, Hard disk installer & tools, Various Hardware projects, A number of classic demo's, Hundreds of games including Shoot'em ups, Mind teasers, Puzzle, card, arcade, board games etc *Supplied with printed Index catalogue.

(CD100x) Only £19.99

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops. If you love Startrek you'll love these.

Only £5.00

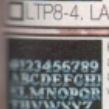
☐ STB5-2. STARTREK MAGIC WB

With this language tutor you could learn to speak either SPANISH, FRENCH, GERMAN, ITALIAN OR JAPANESE. Easy to use, and easy to understand???? Only £8.00

☐ LTP8-4. LANGUAGE TUTORS

Classic card games consists of around a dozen superb card games like Poker, Solitaire, Craps, Montana, Pontoon, Blackjack, Klondike, Spades, Golf, Rummy and more..... Only £10.00

☐ CRD10-4. CLASSIC CARD GAMES



Hundreds of Very high quality professionally finished colour clip fonts for use in any Paint package. Excellent for Video work, demo making etc.

Only £5.00

☐ CCF5-2. COLOUR CLIP FONTS

A new replacement 2 disk Workbench that features: Startrek Icons, Backdrops, and amusing sound samples wherever you do anything wrong. Suitable for Kickstart2&3 machines. Only £5.00

☐ TNG5-2. NEXT GENERATION WB

Classic Board games includes Amiga variations of Scrabble, Monopoly, Cluedo, Backgammon, Chess, Othello, Tiles, Tic-Tac-Toe, Cribbage etc.

Only £10.00

☐ BDG10-4. CLASSIC BOARD GAMES

Every Amiga Emulator includes emulators for : Gameboy, Commodore 64, Commodore VIC20, Various IBM emulators, Spectrum emulators, Sinclair QL, Atari ST etc. Only £5.00

☐ AEP5-3. EVERY EMULATOR

Get your finances in order with this unique collection of home finance software. Keep track of your monthly outgoings: Petrol, Gas, Electricity, Mortgage, Rent etc.... Only £7.00

☐ FIN7-3. HOME FINANCE

A collection of Lottery Winners. Help your self beat the Lottery with this superb disk. Every week let your computer generate the Winning? numbers. If you play the Lottery then get this disk.....Only £5.00

☐ LWP5-1. LOTTERY WINNERS

Arcade classics V2 contains variations of classic games like: Space Invaders, Frogger, Missile command, Asteroids, Q-Berts, Omega race, Centrepede etc. Suitable for any Amiga. Only £5.00

☐ ARC5-2. ARCADE CLASSICS 2

Around 100 high quality Amiga Bitmap fonts. Suitable for use with almost any Amiga package, including DPaint, Workbench, etc Font sizes start at 6pt upto 50pt. Only £7.00

☐ FNT7-3. FANTASTIC FONTS

Order line:
01793 514188
Fax Orders. 01793 514187
Epic Marketing, 138-139 Victoria Rd, Swindon, Wilts. SN1 3BU. UK

SWITCH

UK Office, Open Monday-Saturday. Please make cheques payable to: EPIC. P&P in UK = 50p total. Overseas P&P = £1 per title. Catalogue disk available @ £1.00

EPIC MARKETING (AUSTRALIA)

The Epic Collection version2 CDROM (order code: CD100x) is also available from our Sydney based office for just $40 + $2.00 P&P.
Send your order to:
EPIC. 36 Forest Road, Heathcote, NSW. 2233. Australia.
Please make cheques payable to A. SPITERI

PRIORITY ORDER FORM

NAME _____
ADDRESS _____
_____
_____
MACHINE _____
PAYMENT METHOD _____
CREDIT CARD DETAILS _____
EXP DATE _____

PLEASE SUPPLY — PRICES INC VAT

ITEMS	QTY	£££
TOTAL GOODS VALUE		£
POST & PACKING		£
AMOUNT ENCLOSED		£

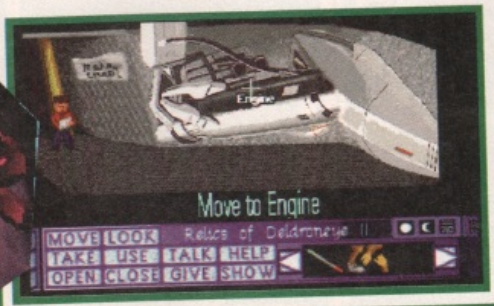
Trade enquiries welcome. Telephone 01793 422566 or Fax 01793 514187
EMail epicmarketing.co.uk

PD Scene

Want some cheap thrills? Here's Tony Horgan with the latest batch of low-budget entertainment from the public domain.

Relics Of Deldroneye II
adventure game

Adventure fans have had a lean time of it recently, with only the belated *Flight of the Amazon Queen* quenching the thirst for brain cell action. *Relics of Deldroneye II* isn't quite in the same league but it still packs a fair old puzzle. By the looks of it, it was written with the Graphic Adventure Creator utility which we reviewed in the February 1996 issue. Using the familiar point and click interface that's now become standard for adventure games, *Relics II* plops you into an open ended sci-fi story that kicks off with the central character stranded on an abandoned spaceship.



Despite the amateur look of the graphics, there are some nice visual touches and enough details have been included to keep up the interest level.

If *Relics* looks a bit pricey, bear in mind that it's not actually PD and it comes on five disks. You'll need an A1200 or A4000 to run it.

Even if there were plenty of commercial alternatives, *Relics II* would still be worth a shot, but especially in the current climate it comes highly recommended.

Available from: F1 Licenceware, 31 Wellington Road, Exeter, Devon EX2 9DU. Tel: 01392 493 580. Email: steve@dcandy.demon.co.uk. Price: £7.99.

89%

Flavour
AGA demo

Flavour is one of the few good demos that's appeared recently but don't expect it to blow your mind, as you'll have seen most of the effects before. It begins with a light-sourced texture-mapped vector, followed by a slightly more impressive plasma-covered doughnut. Next there's a wobbly stick of rock, a bout of yawn-inducing 3D dot patterns, the obligatory bitmap zooms and wibbles and some blur effects. An average techno soundtrack provides the aural interest.

While this is quite entertaining in a predictable demo kind of fashion, the fact that it's the best offering this month is rather sad. It's starting to look as though the coders have had enough of squeezing new tricks out of the Amiga hardware. With any luck this is just a dry spell and we'll be flooded with wonderful new forms of psychedelia next month. Here's hoping.

Available from: OnLine PD, 1 The Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 01704 834 335. BBS: 01704 834 583. Price: 75p plus 75p P+P.

70%

Deformed
AGA demo

Demo-heads in need of another fix may like to take a look at Deformed, which features all the usual routines, including texture mapped cuboids, fiery blur effects and light-sourced vectors. Still nothing new though.

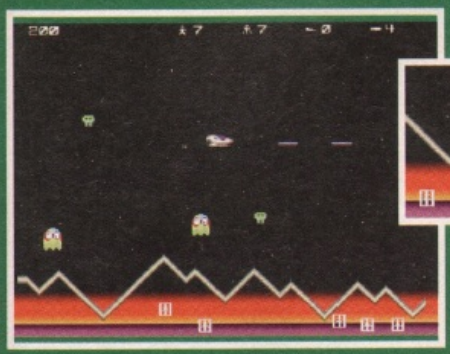
Available from: OnLine PD, 1 The Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 01704 834 335. BBS: 01704 834 583. Price: 75p plus 75p P+P.

60%

Phantom
game

Have you got room for just one more *Defender* clone in your collection? *Phantom* lacks the scanner of the original but includes most of the other elements that made the Williams coin-op such a success. Most importantly it's fast and smooth with good explosions and sound effects – essential requirements for any decent shoot 'em up of course. Recommended to all zap-fans.

Available from: OnLine PD, 1 The Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 01704 834 335. BBS: 01704 834 583. Price: 75p plus 75p P+P.



80%

Q: Whiz!
quiz game

Once it's up and running, *Q: Whiz!* is a fairly playable pub-quiz game. It's unfortunate that setting it up isn't a bit simpler. You can choose from a number of question banks, each of which has its own subject. Sci-fi fans will be pleased to hear that there are banks devoted to The X-Files, Star Trek and Red Dwarf, along with the usual collection of general knowledge questions.

It's let down somewhat by the long-winded intermissions between questions, during which counters are clocked up, timers are refilled, and text is printed and deleted in teletype style, one character at a time. A commercial two-disk version is available from the same address.

Available from: Paul Nordovics, 4 Katharine Street, Millom, Cumbria LA18 4AQ. Tel: 01229 773 823. Price: (PD version) £1.49 including P+P, (full version) £6.74 including P+P.

67%

Psycheual
game

Underworld's 'Dark Train' is sampled and looped to form the backing for the intro screen of this one, even though it never gets further than the first few bars. The game itself is a blatant rip-off of Team 17's *Alien Breed* (2D), taking the top-down maze shoot 'em up format and, well, just reproducing it really.

It's all done competently enough, with smooth scrolling and all of that kind of stuff. If you liked the original *Alien Breed* and fancy playing a slightly different version, check it out. Underworld fans would do better to stick with their official musical output. You don't need an AGA machine but you do need 1Mb of Chip RAM to run it.

Available from: OnLine PD, 1 The Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 01704 834 335. BBS: 01704 834 583. Price: 75p plus 75p P+P.

65%

Speed 8
intros compilation

The best thing about intros is that they're always very small, so you can fit loads of them on your hard drive, or tack them onto your favourite disks without wasting space. Most of them return to your Amiga's operating system when you click the left mouse button. This compilation has the usual mixed bag, some of which are fun while others are frankly crap. Most of the effects are of the 'chunky colourful spinning things' variety – good news for lovers of all things wibbly wobbly.

Any VJs looking for quick snatches of weird visuals will find some gems here. As most of them can be run and re-run within seconds, tagging together multiple edits of the same short sequence would be much easier than attempting the same thing with a full-blown demo that ran for ten minutes.

Available from: OnLine PD, 1 The Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 01704 834 335. BBS: 01704 834 583. Price: 75p plus 75p P+P.

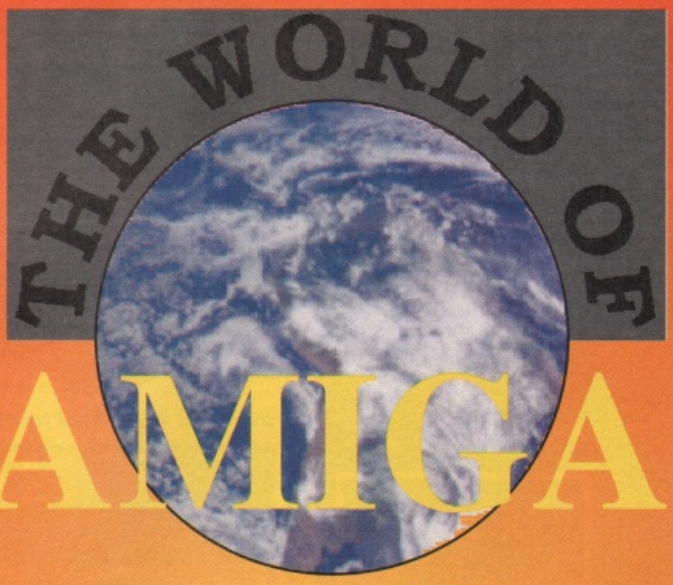
79%

Snail Racing
game

What could be more exciting than a snail race? The smell of the slime, the lure of the lettuce ... I can feel the adrenaline rush already! No, that was lie actually. Snail racing is just as tedious as it sounds. You can choose to race your own snail, training it by selecting the best diet possible or bet on a race of other snails. Either way it's not the sort of thing you're likely to get the urge to do a second time.

Available from: OnLine PD, 1 The Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 01704 834 335. BBS: 01704 834 583. Price: 75p plus 75p P+P.

30%



An exhibition sponsored by Amiga Technologies

Witness the dawn of a new age in computing

THE AMIGA IS BACK!
So on with the show

Be the first to see

- **All the latest developments from Amiga Technologies**
- **The first major launches in two years**

☆ **Games Arcade** ☆ **Competitions Galore** ☆ **Retail Area**

☆ **Presentation Theatre** ☆ **ICPUG Free Advice Centre**

☆ **High End Applications** ☆ Save £100s on special offers

Novotel Exhibition Centre, Hammersmith, London

Saturday, April 13th and Sunday, April 14th

Admission: Adults £7 Children £5.50

Avoid the queues by booking in advance

Credit Card Hotline 01369 706346

Cheques and Postal Orders made payable to The World of Amiga at PO BOX 9, Dunoon, Argyll. PA23 8QQ

TDK DISKS AT BULK PRICES

GREY-TRONICS LTD

LOWEST PRICES | BEST SERVICE | RAPID DELIVERY

SALES FREE CALL 0500 737 800

OTHER ENQUIRIES 0181 686 9973 / 0181 781 1551

3.5" DISKS

TDK disks at bulk prices

100% CERTIFIED ERROR FREE DISKS + LOCKABLE BOXES

	TDK DS/DD	DS/HD
50 3.5" Disks	£15.99	£18.99 + 100 cap lockable box ..... Add £4.00
100 3.5" Disks	£27.99	£28.99 + 100 cap lockable box ..... Add £4.00
150 3.5" Disks	£38.99	£41.99 + 2 x 100 lockable box ..... Add £8.00
200 3.5" Disks	£48.99	£51.99 + 2 x 100 lockable box ..... Add £8.00
300 3.5" Disks	£73.99	£76.99 + 3 x 100 lockable box ..... Add £12.00
400 3.5" Disks	£98.99	£101.99 + 4 x 100 lockable box ..... Add £16.00
500 3.5" Disks	£123.99	£126.99 + 5 x 100 lockable box ..... Add £17.50
1000 3.5" Disks	£229.99	£234.99 + 10 x 100 lockable box ..... Add £30.00

FREE LABELS + FREE DELIVERY BY PARCEL FORCE

NEW AMIGA 1200 PACKS

★ MAGIC PACK

Wordworth 4SE/Digital Data Store 1.1/Turbo Calc 3.6
Digital Organiser/Personal Paint 6.4/Photogenics 1.2SE
2 Games: Pinball Mania – Wizz

SAVE £30

£369.99

★ MAGIC PACK WITH 170Mb HARD DISK

Same as above + Scala 300

£469.99 SAVE £30

STARTER PACK: Top quality Joystick, A1200 Dustcover, Deluxe Mousemat, Disk Head Cleaner, 10 TDK Disks only £15.00

RAM UPGRADES & ACCELERATORS

A1200 2Mb RAM	£119.99
A1200 4Mb RAM	£174.99
A1200 8Mb RAM	£289.99
33Mhz PLCC FPU	£35.00

APOLLO A1200 ACCELERATOR

Apollo 1220 28Mhz 68020/6882	£98.99
Apollo 1220 + 4Mb	£227.99
Apollo 1232/50 68030	£198.99
Apollo 1232 + 4Mb	£327.99

A500/500+/600 Upgrades (inc clock)

A500 upto 1Mb	£24.99
A500+ upto 2Mb	£28.99
A600 upto 2Mb	£39.99

AMIGA 4000 TOWER

A4000T 040 25MHz	£2099	£2231
A4000T 060 50MHz	£2399	£2525

SPECIFICATIONS: A4000 Tower, 6Mb Memory, 1.7Mb Floppy Drive, 1.2 Gig SCSI Drive, Scala 300 pre-installed.

ACCESSORIES

AMIGA CABLES

Amiga to TV Scart	£10.99
Amiga to Sony TV	£10.99
Amiga to Amiga (Parnet/Null modem)	£10.99
Modulator overhang lead 23M/23F	£11.99
Joystick Splitters	£5.99
Automatic Mouse/Joystick cable	£13.99
Joystick Extension Lead 10ft	£5.99
Printer Lead	£4.00

DUST COVERS

Amiga 1200/500/500+/600	£4.00
Commodore/Philips monitors	£4.00
Star/Citizen/Panasonic Printers	£4.00

ACCESSORIES

Amiga Disk Drives (Sony 2yrs warranty)	£49.99
Amitek 1.76HD Disk Drive	£86.99
Amiga Mouse (top quality)	£11.50
Internal Drives A500/A500+/A600/A1200	£34/£44
TV Modulator (2yrs warranty)	£34
Deluxe Mouse Mat	£1.99
1000 Labels	£8.99
3.5" Disk head Cleaner	£1.99
Python 1M Joystick	£8.75

ADD £2 FOR DELIVERY

HARD DRIVES

EXTERNAL OVERDRIVE HARD DISK

Provides games and data portability to A600/A1200.
External casing £68.00 560Mb £234.99

INTERNAL 2.5" + CABLE + SOFTWARE

80Mb 2.5"	£69.99	250Mb	£127.99
120Mb 2.5"	£88.00	340Mb	£174.00
170Mb 2.5"	£124.99	510Mb	£249.00

INK CARTRIDGES & REFILLS

HP Deskjet Black Dual Capacity Cartridge	£22.99
HP Deskjet Black Refill	£7.99
HP Deskjet 500C/560C Colour Cartridges	£25.99
HP Deskjet 500C/560C Colour Refill	£16.99
Canon BJ 10/200 Black ink Cartridges	£16.99
Canon BJ 10/200 Black ink Refill	£7.99
Citizen Projet IIC Colour	£34.00
Citizen Projet IIC Mono	£20.50

Add £2.00 Post and Packing

NEW PRINTERS

PANASONIC 2135

24 PIN COLOUR

£164.99

All printers free lead & delivery

DOT MATRIX — 24 PIN

PANASONIC 2135 24 pin Colour inc. sheet feeder	£164.99
Citizen ABC 24 pin colour	£144.99
Citizen Swift 200 24 pin colour	£169.99

Add £15 for Black Ribbon (Dat Matrix only) dust cover, printer stand, 500 A4 paper when purchased with printer

INKJET – DESKTOP & PORTABLE

Hewlett Packard 600 mono inkjet add £25 for colour	£230.00
Hewlett Packard 660 colour inkjet	£325.00
Canon BJ30 mono inc. sheet feed	£184.99
Canon BJC70 colour	£289.99
Canon BJ200 EX mono inkjet	£207.99
Canon BJC4000 colour inkjet	£289.99
Canon BJC610E colour	£412.99
Citizen Projet IIC colour inkjet	£249.99
Citizen Printiva 600 colour New	£389.99
Epson Stylus Colour IIS	£275.99

CD-ROM DRIVES

Overdrive Double Speed CD £174.99
Overdrive Quad Speed CD £234.99
Amiga CD32 + 7 games + kit to connect to A1200 ..... £205.00

PRINTER RIBBONS

BLACK

Amstrad DMP2000/3000	£3.00
Amstrad DMP4000	£3.66
Amstrad PCW 8256/8512/LQ3500	£3.00
Amstrad 9512	£3.50
Citizen 120D/LSP10/Swift24/9	£2.85
Epson LQ100	£4.10
Epson LX80/86/90	£2.50
Epson LQ400/500/800/850	£3.45
Epson FX/MX/RX80/LX800	£3.45
NEC Pinwriter P2200	£3.50
Seikosha SP1200/1600/2000	£4.00
Panasonic KXP1123/1124/1180	£3.30
Panasonic 2135	£8.25
Panasonic KXP 2123/2180	£4.00
Star LC10/20/100	£2.90
Star LC200	£3.50
Star LC2410/24200	£3.00

COLOUR

Citizen Swift 24	£12.99
Panasonic 2135/2123/2180	£13.99
Star LC10/20/100	£7.00
Star LC200	£12.30
Star LC2410/24200	£12.50

Add £2.00 p&p

GENLOCKS

FUSION VIDEO GENLOCK

It is a high specification video genlock that is ideal for both the first time user (for adding titles, graphics & effects to home movies) and the semi professional user (wedding videos, corporate presentations...). **FREE Scala HJ100** (enables you to add special effects and overlay text on to your video).

£98

AMIGA CD32

CD32 machine 7 Games Pack ..... only £174.99
SX1 Modular Expansion £191.99
Keyboard for CD32 ..... £36.99
Disk Drive for CD32 ..... £49.99
CD32 to Amiga 1200 inc. software £29.99
CD32 to Scart £11.99
Competition Pro Pad £15.99

Add £2 p&p for accessories

FAX / MODEM

	Modem only	+GP Fax s/w
Tornado 14.4k int.	£99.99	£139.99
X-Link 14.4k ext.	£129.99	£169.99
Tornado 28.8k int.	£199.99	£239.99
X-Link 28.8k ext.	£229.99	£269.99

MONITORS

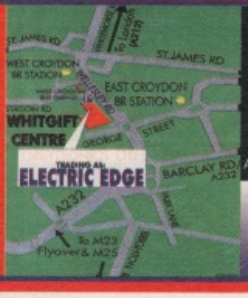
Amiga M1438S	£287.99
Microvitec 1438	£269.99
Amitek 1084S	£189.99
Sharp, Hitachi Monitor/TV	£174.99

U.K. & INTERNATIONAL DELIVERY SERVICES – (BFPO ORDERS WELCOME + SURCHARGE)

LAND

AIR

SEA



ALL PRICES INCLUDE VAT & DELIVERY (unless otherwise stated). Delivery within 3 days (UK MAINLAND ONLY). ADD £10.00 FOR NEXT DAY DELIVERY. CALL OR SEND CHEQUES/POSTAL ORDERS TO:

GREY-TRONICS LTD, UNIT 1015 WHITGIFT CENTRE, CROYDON, SURREY CR0 1UU

SALES HELPLINE: 0181-686 9973 Mail order prices only FAX: 0181-686 9974

All offers subject to availability. E&OE. Prices/Pack details may change without notice. Please allow 6 working days for cheques to clear.

FREE CALL: 0500 737 800

AMIGA CDROMS

COMPACT disc

Contains Thousands of Workbench icons and backdrops. Workbench3 recommended.

£10

PRO ICONS 2

Compiled over the last 5 years this CD contains only the very best quality textures.

£26

TEXTURE PORT.

Allows you to Virtually write to any CD ROM on any drive. Quite usefull for some things. But generally a waist of time.

£40

CD WRITE

Over 600mb of new material all DMSed onto a superb CD, compiled by Active PD.

£17

ZOOM

Around 2000 high quality "Girly" pictures, Includes viewer for Amiga. Adults only

£18

SEXY SENSATION

A TEN CD set of colour textures, this collections a real bargain. Basically £2 a cd. You can't go wrong.

£20

MEDIA CLIPS

Contains hundreds of great AGA cards for use with Klondike AGA. suitable for any amiga.

£10

KLONDIKE GOLD

Features around 40,000 clipart images, virtually every subject imaginable.

£16

WORLD of CLIPART

The Guinness Disc of World records is a superb multimedia Amiga presentation.

£19

DISC OF RECORDS

Complete with CD ROM, floppy disk, and connecting CD32 lead to any Amiga. NEW super fast transfer version.

£34

CD32 NETWORK 2

Thousands of Adobe, Bitmap and compugraphic fonts, Theres something for everyone.

£8

WS FONTS

Conatains around 1,000 ready to run games on one CD ROM. excellent value for money.

£18

ASI GAMES 2

The Grolier electronic encyclopedia. Based on the hugely popular PC version, now available for the Amiga.

£25

GROLIER 2

A Double CD ROM featuring Hundreds of great Animations all viewable direct from the CD.

£18

WS ANIMATIONS

Professional fonts & clipart CD is possibly the best selection of fonts (Adobe&compugraphic) your ever likely to find.

£8

PRO FONTS

Complied by 17bit Software this CD ROM has been praised by most magazines for it's original and upto date information.

£19

LSD TOOLS 3

Includes animations, music, games, pictures, text files, and more all with the SCI-FI nature.

£18

SCIENCE FICTION

Contains hundreds of "secret" documents about UFOs, UFO abductions, the FBI, etc.

£15

ENCOUNTERS

Features: Space Invaders, Galaxians, Centerpede, Q-Bert, Pacman, Defender, Frogger, Lode runner etc.

£13

ARCADE CLASSICS

Includes video backdrops, Video fonts, Video titling tools and more.

£13

DESKTOP VIDEO

Features around 3,000 all-time classic spectrum 48 games. runnable on any true Amiga.

£18

SPECTRUM CD 2.1

Features 600mb of DMS based disks, for sheer value this cant be beat.

£7

HOTTEST 4

A four CD set of around 10,000 colour images, all stored as IFF. You can load them straight into almost any AGA package.

£29

GIGA GRAPHICS

Anything and everything to do with AGA amiga's. Very AGA demo baised. but still good.

£15

AGA EXPERIENCE

A double CD featuring samples and thousands of music modules and music tools and players.

£18

SOUND LIBRARY

Aminet 10 is the latest tools CD compiled from the Aminet. Very easy to use.

£13

AMINET 10

Adult Sensation2 contains around 4,000 pictures, sounds, animations, jokes etc. For Adults only.

£17

ADULT 2 (18)

A double CD ROM of around 10,000 colour clipart images. suitable for any Amiga.

£18

GIF LIBRARY

Four CD ROM collection of games, demos, utils, patches etc. great value!!!

£25

AMINET SET2

Features over 300 gory animation sequences, pictures, sounds and stories. (very grusome)

£19

HORROR CD (18)

Contains almost 100 variations of the Worlds best loved game. all runnable from CD.

£9

TETRIS CD

Contains over 4,000 high quality colour GIF images for use in almost any graphics package. (OVER 18)

£16

ADULT SENSATION

Includes emulators for Atari, C64, Spectrum, Mac, Sinclair QL, Amstrad etc, etc.

£18

EMULATORS

Contains all of the latest floppy disks from the 17bit software collection. Very easy to use.

£19

5TH DIMENSION

A four CD collection of DMS files. Includes Animations, Fish disks, Music, Demos, Clipart etc.

£28

UPD GOLD (4CD)

Contains Pictures, Animations, tools, demos, Bla!, Bla!, Bla!

£10

PEARLS 3

COMPLETE CD-ROM LIST

WEIRD SCIENCE CLIPART	£8
GIFS GALORE	£19
PRO PCX-IFF CLIPART VOL1	£8
GOLD FISH DISKS1-1000	£25
ADULT SENSATION (18)	£16
MEETING AT PEARLS 2	£10
C64 SENSATIONS	£18
ZOOM!!!	£17
GUINESS DISK OF RECORDS	£19
PROFESSIONAL UTILITIES 1500	£8
SOUNDS TERRIFIC (2CD)	£19
PRO. IFF & PCX CLIPART 2	£18
MEDIA CLIPS (10 CDROMS)	£20
AMINET 7	£13
LSD COMPENDIUM VOL3	£19
PRO BACKDROPS & ICONS 2	£10
LIGHTROM VOL1	£poa
AMIGA TOOLS ONE	£20
GFX SENSATION	£15
17 BIT COLLECTION (2 CDROMS)	£28
ADULT SENSATIONS 2 (18)	£19
UPD GOLD COMPENDIUM	£28
GOLD FISH 2 (2CDROMS)	£poa
COVERGIRL STRIP POKER(18)	£13
HORROR SENSATIONS (OVER18)	£19
GROLIER ENCYCLOPEDIA V2	£25
PRO FONTS AND CLIPART	£8
HOTTEST 6	£poa
WEIRD SCIENCE FONTS	£8
POWER GAMES	£8
17 BIT PHASE 4	£10
LSD COMPENDIUM VOL1	£14
17 BIT CONTINUATION	£10
CD32 NETWORK V2 (CD&LEAD)	£34
SPACE AND ASTRONOMY	£19
AMINET SET ONE (1-4)	£25
ARCADE CLASSICS	£13
LIGHTWORKS BY T.RICHTER	£poa
CD WRITE (HD REQ)	£40
AMINET 6 (JULY 95)	£13
GIF SENSATION (2CD)	£18
THE COLOUR LIBRARY	£9
WORLD OF CLIPART (2CD)	£16
LSD COMPENDIUM VOL2	£17
MULTIMEDIA TOOLKIT 2	£20
SOURCE CODE CD	£19
SHUTTLE ENCYCLOPEDIA	£19
EMULATORS UNLIMITED	£18
SCI-FI SENSATIONS	£18
LUCKY DIP VOLUME 2	£5
SUPER CARS	£5
ASSASSINS GAMES VOL 2	£19
NETWORK CD V2 (CD ONLY)	£15
AGA EXPERIENCE	£15
SEXY SENSATION (18)	£18
AMINET SET 2 (VOL5-8)	£25
MAGIC WB ENHANCER	£10
17BIT 5TH DIMENSION	£19
AMINET 9 (DECEMBER 95)	£13
THE ERIC SCHWARTZ ARCHIVE	£25
ENCOUNTERS (UFOS)	£15
AMINET 10	£13
SPECCY SENSATION PART2.1	£18
ILLUSIONS 3D	£5
HOTTEST 5	£10
LIGHT ROM VOL2	£poa
SOUND LIBRARY (2CD)	£18
GIGA GRAPHICS (4CD)	£30
POV-RAY	£19
WORLD INFO '95	£30
MEETING PEARLS 3	£10
DESKTOP VIDEO CD	£13
INTERNET INFO	£19
WS ANIMATION (2CD)	£18
3D ARENA	£20
ESSENTIAL UTILITIES	£7
AMINET 8 (OCT95)	£13
LOCK'N'LOAD 2	£poa
NOTHING BUT TETRIS CD	£9

LO-CALL *Lines open 10am- 4pm Monday- Friday*

0345 66 00 15

Plexus Media. PO BOX 637, SWINDON, WILTS. UK

PLEXUS MEDIA

COMPACT disc SUPPLIERS

TO ORDER BY POST SIMPLY SEND YOUR ORDER WITH PAYMENT EITHER BY CHEQUE, POSTAL ORDER OR CREDIT CARD. UK ORDERS PLEASE ADD £1.00 PER TITLE FOR P&P, OVERSEAS ORDERS PLEASE ADD £2 PER CD. GOODS ARE NOT SOLD ON A TRIAL BASIS, SOME ITEMS MAY NOT YET BE RELEASED. ALL SALES ARE SUBJECT TO OUR NORMAL CONDITIONS. E&OE

PD Utilities

Time is of the essence, this month, as there's two nifty timer utilities up for grabs. There's also some pretties for your workbench and amongst other things some very important news about pirates. Mat Bettinson is your guide.

Graphic Workbench
workbench enhancer

Oh, another Workbench enhancer pack. Well this one is different in that before going ahead with ruining your icons, it backs them up so you can restore them later. Good show.

When you run the installer, it plays a module, displays a couple of pictures (which fails if you don't have AGA) of the development crew which, according to the start-up blurb, 'laugh in the face of fear'. Hmmm.

The rest of the action oddly returns to the Commodore Installer which gets confused if you click on both the sideshow and install icon buttons. Weird.

I choose the Windows '95 backdrop pattern and expected it to replace all my Workbench icons with new theme based icons. Instead it only replaced my main drive icons. The Windoze 95 backdrop was amusing and a copper backdrop daemon was added to user-startup for a nice blue wash effect on the borders and shells etc.

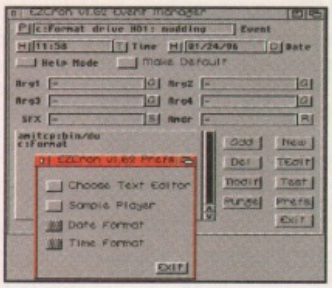
Whether it's worth picking up this pack depends on whether you've already got any Workbench enhancements. If yes then don't bother, if not, it has an interesting range of backdrops and themed drive icons and could spruce up the horrible standard Workbench look in conjunction with the NewIcons, MagicWork- bench or Icongraphics icon packs.

Available from: SeaSoft Computing, Unit 3, Minister Court, Courtwick Lane, Littlehampton, West Sussex BN17 7RN. Tel: 01903 850378. Price: £1.50 plus 50p P+P.

74%

EZCron 1.62
timer utility

'Cron' derived from 'Chronos' meaning time in Greek, is also the name given to a very important and useful utility which is designed to launch certain events at certain times. Such a program could be used as anything from an alarm clock to a complex system overseer which activates automatic events during the night. This latter is how I run CU Amiga's Internet mail system, so I tested EZCron on it. I found it to have a nice installer and a GUI program for editing the events file. However, the GUI is a bit tricky as it is implemented by the Arexx bolt-on Varexx and it is limited in the fonts it can handle. It also has a long winded method of selecting times and dates. Useful modes are available but you have to enter the values into string boxes in the GUI in a certain format. I didn't like the GUI much but it does the job, is easy to install and has some good on-line help.



Available from: SeaSoft Computing, Unit 3, Minister Court, Courtwick Lane, Littlehampton, West Sussex BN17 7RN. Tel: 01903 850378. Price: £1.50 plus 50 P+P. Aminet path: util/time/EZCron.lha

83%

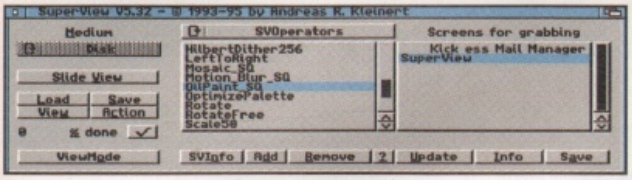
Internet Guide
electronic guide

Anyone trying to get to grips with the Internet will be completely swamped by the complexity of many aspects. A handy resource would be a good book or in the case of this offering, an electronic guide to the Internet. This particular effort is put together by the American techo-junky group Electronic Frontier Foundation and has no Amiga specific material. That means it's not going to help you set up Amiga Internet software but it is an excellent reference to the whole host of services available on the Internet which aren't machine specific anyway. In one large Amiga Guide format, it's interspersed with various press articles and some nasty examples of American English but it does the job nicely just the same. A reasonable reference for just a pound can't be sniffed at. The same guide was also formerly known as the Big Dummy's Guide to the Internet. It's a 700K guide so it's going to require quite a bit of memory to continually access and some of the information is a little too vague such as the section on mailing lists but otherwise it's recommended. This guide in conjunction with the wealth of Amiga related chatter on the comp.sys.amiga newsgroups should serve well.

Available from: OnLine PD, 1 the Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 01704 834 335. Price: 75p plus 75p P+P.

82%

SuperView 5.32
picture database



This interesting package, a new kind of datatype system for pictures, has been around for a while and is constantly being updated. Implemented by a superview library and drivers for various display types, it has considerable versatility. It also has support for 'operators' which can perform a variety of functions on pictures before they are viewed/saved.

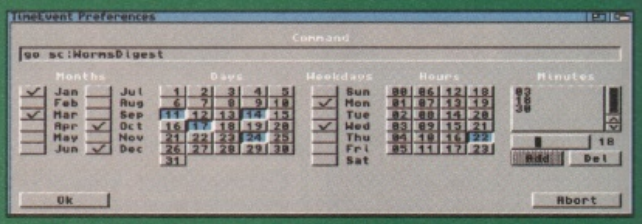
Sharpening and oil painting type effects to dithering schemes for converting 24-bit pictures down to other formats are all on offer. This is the kind of use where SuperView excels. It will load virtually any type of picture, display nearly every type of display I have ever heard of, including (glory) my own CyberGraphics graphics board. What's more, it's a better viewer than many dedicated viewers!

The unregistered version will load and view but will not save in any other format than IFF whereas the registered version (£15) will save in all the same formats it is capable of loading. It's useful still but if you need to convert pictures quickly, want excellent graphics board support and a simple compact interface then the £15 odd (30 German DM) is worthwhile.

Available from: SeaSoft Computing, Unit 3, Minister Court, Courtwick Lane, Littlehampton, West Sussex BN17 7RN. 01903 850378. Price: £1.50 plus 50p P+P.
Aminet path: gfx/show/SView532.lha

89%

CyberCron 1.5
timer utility



CyberCron is another Cron (Timer) utility and one that I've used for a long time. With no GUI support of its own, it runs from a simple configuration file. It also doesn't have an installer, just documentation detailing installation.

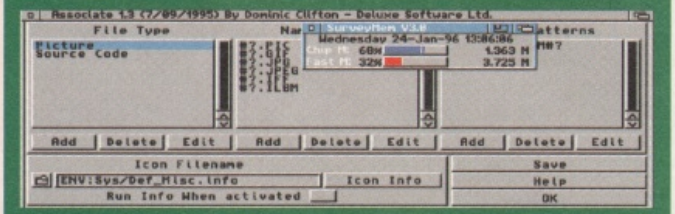
CyberCron 1.5 is a solid Cron system, all it needs is a GUI so that we don't need to get out a text editor every time that something needs to be altered. So I've asked 17 Bit Software PD, to put another utility on a disk for readers with no Internet access. This utility, *Time Event*, is a GUI editor for CyberCron and has a much better interface that the *EZCron*. The events are simply listed as a CLI command line that is executed at particular times. Once the command line is entered, a proper GUI pops up that allows you to select the months, days and minutes. Unlike *EzCron* it's easy to set up really weird times like at two separate times past each hour only on Thursday and Saturday etc.

This definitely the best Cron solution that I have seen around since I checked out many before arriving at this combination. Less knowledgeable users might still prefer to go for the all-in-one EzCron, though.

Available from: 17 Bit Software, 1st Floor Offices, 2/8 Market Street, Wakefield, West Yorkshire WF1 1DH. Tel: 01924-366982. Disk Number: 4016. Price: £1.00 plus 50p P+P. Aminet path: util/time/CyberCron15.lha & util/time/TimeE1_1.lha

91%

Flummy Utils #4
utility compilation



Flummy is seven archives taken off the Aminet, extracted onto a floppy disk, compressed with Power Packer and all the libraries required stuffed in a libs directory on the auto booting disk. However, all the archives are fragmented and you'll have to go hunting for the bits and pieces to run each util. None of them are particularly good either!

***AddPower* is probably the most promising as it assigns and paths preferences without loads of lines in the user-startup. It's a reasonable effort but well and truly eclipsed by MCP. *Autostart* re-invents WBStartup without saying WHY. *Survey Mem* implements a memory gauge. Wow. *Associate* is mildly useful for creating icons for programs with no icons and the rest of the programs gurued when I tried to run them. This is a very poor disk but could be worth it for *Associate*, maybe.**

Available from: OnLine PD, 1 the Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 01704 834 335. Price: 75p plus 75p P+P.

28%

NFA Pirates?

While sifting through this month's pile of PD software, I found a program called *enLock*, a hard drive protection package from a group known as NFA. The package itself didn't work as the Installer was broken hopelessly. This and the fact that the AmigaGuide documentation had an incorrect default tool so that it too would not work, indicated that the product hadn't been checked at any stage. Worse still, when I finally got the installer working, the last page blatantly advertised NFA BBSes with pirate references.

Roberta Smith DTP, who supplied the disk has recalled disks that have turned out to be less than squeaky clean in the past. The EnLock disk itself must therefore have been an oversight. Roberta instantly recalled the disk when I informed them, and said that they'd be looking into it.

Are other PD houses following suit or are they turning a blind eye? The BBS advert is, as far as I can see, an advert for pirate BBSes with the term 'ASK-ELITE' being present instead of the latter part of the number for two BBSes. 'Elite' being a well known self-applied name that pirates refer to themselves as (with typical arrogance). Piracy is bad enough but pirate BBSes are actively involved in the distribution and sale of pirate software, something the Amiga can ill afford! The fact that some of these are listed as belonging to NFA makes me suspicious. There's no number in the archive and just a P.O. box as an address to send your registration fee to so it seems I can't take it up with them. The question remains that with such a blatant statement, how can it be that virtually every PD House sells NFA products, many of them hypocritically being shareware like *enLock*. If NFA would like to clear up the matter I'd like to hear from them. I think we should be told and you can be sure that CU Amiga Magazine is on the case.

Exclusive PD

Floor Offices, 36 Coltsfoot Drive, Waterlooville, Hants PO7 8DJ

+44 (01705) 642409

VISA · MasterCard · DELTA · SWITCH

HOW TO ORDER

Payment gladly recieved in Cheques, Postal Orders, or by Credit/Debit cards. Send to the address listed or telephone anytime and leave your order details.

1-3 **PD Disks** £1.50 each, 4 or more £1.00 each. P&P UK 75p per order, Europe 75p per order + 20p Per Disk, World 75p per order + 40p per disk.

CDROM P&P. UK 75p per CD, Europe £1.00 per CD, World £1.50 per CD

All orders depatched by FIRST CLASS mail on day of receipt wherever possible.

Telephone at any time and leave your name and address (Quote CU Amiga) and request our CD-ROM brochure completeley FREE of charge. You'll also recieve regular CD updates with special offers etc.

CD REGISTRATIONS

C64 SENSATIONS £17.99

REMEMBER THE GOOD OLD DAYS

This CD contains all the Software that we have collected during our great times on the C64. Going from the present day. Surprising as it may seem to a lot of people there is a lot of great memories. That is one of the reasons why we compiled for anyone who want to reminisce the old days we can just pull out the and Everything is brought back to you.

front cover youll find useful information on how to use the various Amiga tools to be used for copying & converting the back to your 1541 or into your Amiga. Also included is the FULL A64 Emulator Package.

NFA: AGA EXPERIENCE 17.99

The first CD dedicated to A1200/4000 owners, features the very best AGA-only software released in the past 3 years.

• ESSENTIAL USER NFA. Many quality titles were created by leading Amiga group NFA specifically for this CD. These titles include AGA Slideshows, Klondike cardsets and others. The CD features every AGA NFA release to date including the brilliant 'Word' diskmag, 'Out of Space' Alien multimedia disk mags. The entire collection of the popular 'Bodyshop' series of slideshows, including an EXCLUSIVE

'Bodyshop' release!

• READY-TO-RUN. Most of the contents run straight from the CD.

• MAGIC WORKBENCH Colour enhancements. Almost every program has a suitable MagicWB icon. We have even created custom Ray-Traced icons for the CD, any Amiga owner is guaranteed to be impressed!

• 80 NEW CARDSETS And a ready-to-run version of the brilliant Klondike card game, with 10 built-in cardsets.

• LOADS of MagicWB icons, backdrops etc. Add a professional appearance to your WB.

• HUNDREDS of programs never before seen on CD. Mostly downloaded from BBS's around the World, and straight from the Internet.

• BRILLIANT AGA Amiga Doom clones.

• BRILLIANT Amiga-created images. These pictures are on no other CD.

• LATEST AGA Mega-demos.

F1 LICENCEWARE VOLUME 1 £29.99

NEW!!

The F1 Licenceware CD-ROM contains every F1 title from 1 through to 100. The software on this CD is worth well over £500 if bought seperately.

Includes; **Blackboard V3.0**, image manipulation package, **Ultimate Quiz V2.0**, **Words Plus Pro**, originally valued at £15.00, **Fortress** - a God strategy game, **Relics of Deldroneye** - one of the best selling Licenceware titles and voted *best PD game of all time* by Amiga Format, **G.R.A.C.** The best selling Licenceware adventure creator, **Introduction to WB, Beginners Guide to AMOS, Junior Artist** - one of many kids titles. uses and easy to use menu with *80% of programs running direct from CD*

COMMERCIAL SOFTWARE NOT PD!

AmiNet Volume 10 £12.99

Out now. As many of you will have seen, this series of CD-ROMs is a compilation of the latest software to grace the sites of the AmiNet, a global network of Amiga computers very similar to the internet. All the software is in archived form (.lha, .DMS, .lzx etc.) and thus makes these CDs tremendous value for money and are our highest selling CD. You may have recently received a close representation of AmiNet 7 in thecover of CU Amiga. If you got this CD and were impressed as most users of the AmiNet series are - you'll want to keep up to date with the latest!!

were AmiNet 10 is likely to contain. All categories are covered. The main concentration of this issue is unknown at the time of writing as well as containing all the latest uploads from the Amiga sites around the globe.

Aminet Volume 11 May 96 (Pre-order) £11.99
Aminet Volume 7 £11.99
Aminet Set 1 (Vol 1-4) £23.99
AmiNet Volume 8 £11.99
AmiNet Set 2 (Vol 5-8) £24.99
AmiNet Volume 9 £11.99
Subscription service £11.49 (All new releases posted to your door on day of release. Your Credit/Debit card charged on despatch).

SPECCY '96 £17.99

NOT NEW RELEASE

It is truly a multiplatform CDROM with Emulator's for various computer types such as the Amiga, Atari ST, Mac and PC. Contains some exclusive products which ONLY appear on this CD and have never been released before. You get loads of Spectrum Technical FAQs, Games lists, The modified spectrum ROM, Modified interface 1 ROM, other Modified

Wallpaper pictures for windows (.BMP) and Amiga which (.IFF), Various pictures in JPG & GIF formats of always Spectrum computers. Game level maps, Famous people and over 100 computer screenshots. Have hours with the best loved computer from yester-years, be prepto spend weeks looking through all the games, utilities, tion, maps, and pictures of this classic computer. choice for anyone interested in the spectrum computer you want to convert your own games from tape then this tell you how (req resisted version which is not supplied disc).

HOTTEST 6 13.49

Mother 6

Choose from **Brand New Programs** and over **750** Pinsoft floppy disks.

March to December 1995. Now comes complete with an easy to use menu system. The Menu System is free and all disks are compatible with previous CDs launch the CD.

UTILITY DISKS: Surprise, Mods, Pictures, Clip Art, Education, Fonts, Fonts, Business, Graphics, Music, Hard Drive Utilities, Workbench, Games, Virus Killers, Video Production, Emulators, Hobbies, Programming, Languages, Printer Drivers, Games Related, Sound Related, Fractal, Business, Animation, Home & Prediction, Hard Drive, Telecom & Comms, Demo Makers, Cheats, Objects, Diggers, Programming, Virus Killers, Modem, Art,

CAD, 3D, Document etc

• **300 NEW LIBRARY DISKS** Games, Slides, Pictures, Demos, Music, Magazines, Utilities, Fonts

• **100 NEW FRED FISH DISKS 1001 to 1100, * 80 NEW KLONDIKE CARDSETS, * IMAGES FROM SPACE**

• **100 Bitmap Fonts** in mono ideal for use with your workbench and diskm programs

• **100 Bitmap Fonts in colour** (4,8 & 16 colour)ideal for desktop video work and colour DTP.

• **50 Adobe Type 1 Fonts** and 50 Type 3 Fonts

• **100 Compugraphic Fonts** for use with Workbench 2.0 and 3.0 machines. Complete scalable fonts

• **ELECTRONIC TEXTS** Alice in Wonderland, Moby Dick, Tarzan, Huckleberry Finn, The Island of Dr Moreau, The Jungle Book, The Magic Christian, The Beast of Gevaudan, The Hound of the Baskervilles, The Invisible Man, The Lost World, The Man Who Laughs, The Mysterious Island, The Narrative of Arthur Gordon Pym, The Return of Sherlock Holmes, The Scarlet Letter, The Strange Case of Dr Jekyll and Mr Hyde, The Valley of Fear, The War of the Worlds, The War of the Worlds, The Wonderful Wizard of Oz, Through the Looking Glass, Tom Sawyer Abroad, Tom Sawyer Detective, Treasure Island, Twenty Thousand Leagues Under the Sea, Uncle Tom's Cabin, Voyage to the Moon, Voyage to the Centre of the Earth, White Fang, Wuthering Heights, Around the World in Eighty Days, Adventures of Huckleberry Finn, Adventures of Sherlock Holmes, Adventures of Tom Sawyer, Alice's Adventures in Wonderland, Autocrat of the Breakfast Table, Call of the Wild, Captain Blood, Captain Singleton, Castle Dangerous, Castle Richmond, Children of the Abyss, Clarissa, Complete Poetical Works of Percy Bysshe Shelley, Complete Poetical Works of Walt Whitman, Complete Poetical Works of William Wordsworth, Complete Works of Lewis Carroll, Complete Works of Robert Louis Stevenson, Complete Works of Shakespeare, Connecticut Yankee in King Arthur's Court, Count of Monte Cristo, Count of Monte Cristo Vol 2, Crime and Punishment, Dracula, Dracula's Guest, Dubliners, Emma, Essays of Elia, Fall of the House of Usher, Far from the Madding Crowd, Frankenstein, Great Expectations, Gulliver's Travels, Hard Times, Heart of Darkness, Hound of the Baskervilles, Huckleberry Finn, Ivanhoe, Jane Eyre, Jungle Book, Kidnapped, Last of the Mohicans, Last Days of Pompeii, Last of the Barons, Last of the Mohicans, Lorna Doone, Lost World, Madame Bovary, Man Who Laughs, Mayor of Casterbridge, Moby Dick, Moll Flanders, Mysterious Island, Narrative of Arthur Gordon Pym, Nicholas Nickleby, Oliver Twist, Origin of Species, Pickwick Papers, Pride and Prejudice, Prince and the Pauper, Red Badge of Courage, Return of Sherlock Holmes, Robinson Crusoe, Scarlet Letter, Scarlet Pimpernel, Sense and Sensibility, Sherlock Holmes, Sketch Book, Strange Case of Dr Jekyll and Mr Hyde, Swiss Family Robinson, Tale of Two Cities, Tales of Mystery and Imagination, Tarzan of the Apes, Three Musketeers, Time Machine, Tom Brown's School Days, Tom Jones, Treasure Island, Turn of the Screw, Twenty Thousand Leagues Under the Sea, Uncle Tom's Cabin, Vanity Fair

THE GALLERY

Deodorant, cars, planes, watches, wood carvings – where else would you find them all on one page?

▲ by G. Nath, Birmingham.

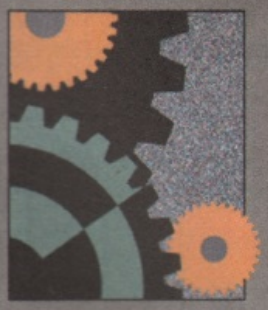
▼ by Dystein Monsen, Norway.

▲ by Alex Thornhill, Birmingahm.

▲ by Andrew Bozt, Lancashire.

▲ by Andrew Bozt, Lancashire.

AMIGA workshop



IMAGINE 3.0 92
As we continue our guide to 3D rendering with our January cover disk we try our hand at adding some more realism to objects.

OCTAMED 5.04 96
In our final tutorial (well for the moment anyway) we explore the area of synthsounds and what they can do.

AMIGA E 98
Some more enhancements and tweaking are in order for our GUI and text finding tool!

COMMS 100
How to set up your own FTP site to get more from the internet and, as usual, all the gossip on the Comms scene.

SOUND LAB 103
Now that AudioMaster has finished its guest spot, Tony Horgan restarts soundlab with a look at what public domain can offer for Amiga music lovers.

SUBSCRIPTIONS 106
You may have noticed the slight increase in our cover price but don't worry because our special offer of 12 for the price of eight is still here.

GOLDEN JOYSTICKS 107
It's time to vote for who will be the winner of the highest gaming accolades known to man, the golden joystick. Don't miss your chance.

POINTS OF VIEW 120
Messrs Leaning, Dykes, Bettinson and Horgan set up four separate soapboxes and tell how it is and what should be done about it.

Imagine 3.0 p92

Golden Joysticks p107

Points of View p120

Hmm what to do? Let me draw your attention to the highlights of this jam packed workshop section: first, turn to the Golden Joysticks Awards nominations and have your say in who deserves to be rewarded. Then check out the Imagine, OctaMed and Amiga E tutorials before turning to look at Tony's Sound lab. After that a browse through the regular question and answers pages would be in order. That's my advice anyway.

Regulars

FAQ 113
The internet has been going strong for some time now but still there are a lot of unanswered questions out there. We do our best to reply.

Q&A MASTERCLASS 114
Arexx is back (well it never went away really) and John Kennedy is only too delighted to explain and explore it for those of you who mightn't be familiar with it.

Q+A 116
The Q&A sack of letters never seems to empty. It's always there, in the corner of the office, brimming over with readers enquiries. Mat and Tony to the rescue.

BACKCHAT 118
Team Talk has gone (well for the time being anyway) to make way for more of your letters. If you want it back write to 'bring back the chat ' at the usual address.

Materials and textures

Imagine 3.0

PART 2

This month our tutorial on 3D rendering with Imagine 3.0 looks at adding more realism to your objects utilising textures.

When you render an object with the default settings it appears as a dull grey colour. The material of which the object is defined is a matt grey with no distinguishing characteristics. It's boring and totally unrealistic.

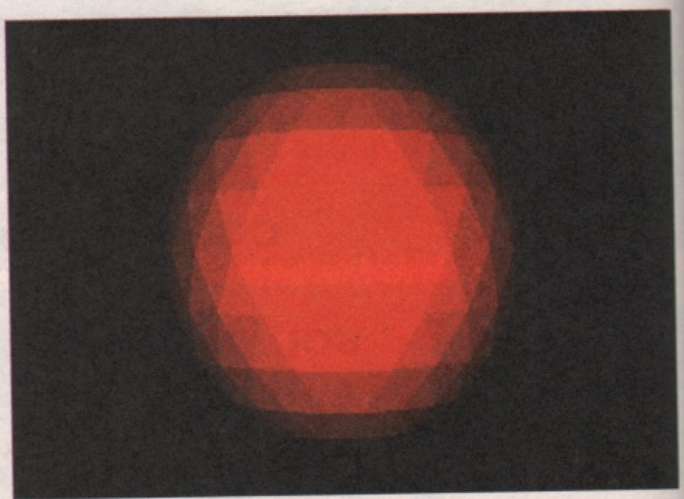
There are two main ways to a control the appearance of an object: adjusting the material from which the object is made and applying textures. As this is such an important part of rendering, *Imagine* provides a great deal of control over defining and altering materials and textures. It is understandable therefore that in order to make realistic objects, you need to spend some time experimenting and getting them right.

Go to the Detail editor and add a Sphere object from the Objects/Add/Primitives menu. Quick render it and you'll get a dull, grey sphere. This happens when the default texture is used.

Now make sure the object is selected (in purple) by pressing F1 and then use the Attributes menu option in the Functions menu. You should see the special attributes requestor appear: this is where you will change the appearance of the sphere.

The easiest attribute to change is the colour of the sphere. To do this, click in the colour box and then adjust the colour sliders. The sliders will have different settings depending on what attribute has been selected. Some settings (such as Color) require all three to be adjusted, some (like Hardness) have a single bar to move. Others involve changing a single number or clicking an on/off switch.

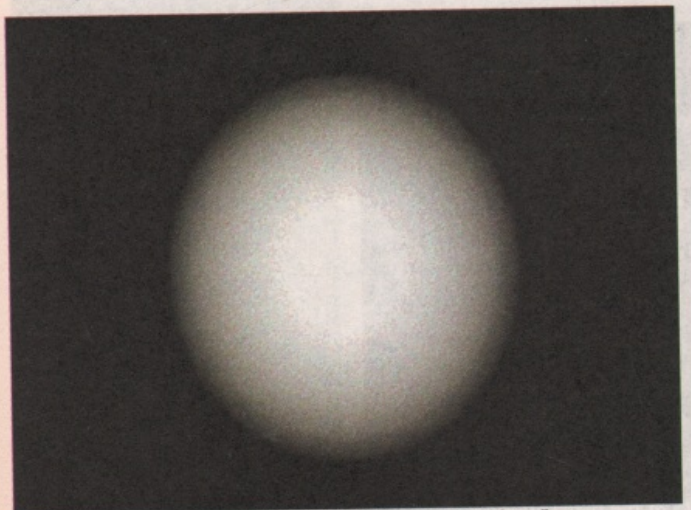
For now, adjust the colours to a nice orange shade, and then click on OK. When you render the object again, the colour will have been changed.



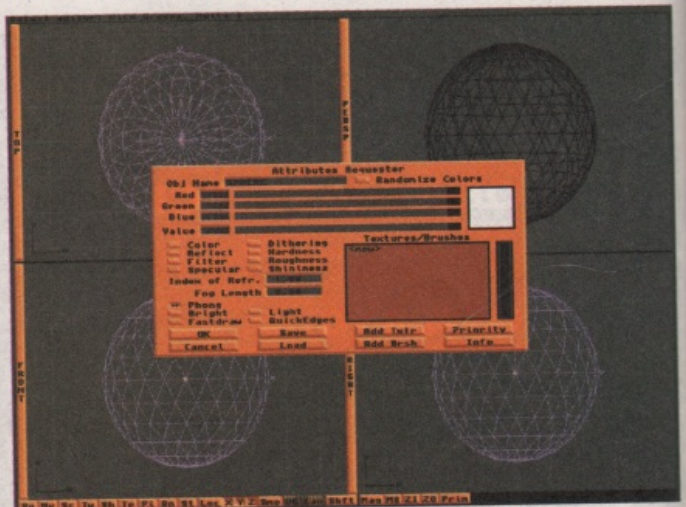
▲ Here's another sphere, pretty basic but with a little colour change from its original white state.

Phong-tastic

You may have noticed the Phong option in the requestor: this is an important control, as it provides a form of smoothing. As *Imagine*



▲ This is how your sphere will look when quick-rendered with no alterations to its attributes.



▲ Setting the Index of Refraction parameter to something like 1.08, in conjunction with some transparency will lead the sphere to distort any light that passes through it in a similar way to a glass ball.

Flying Saucers

As promised last month, we can now add a little detail to our flying saucer object by means of some textures and physical attributes. To start with, the saucer was split into two: the dome part was removed by using the Pick Faces option from the Detail Editor. This left only the saucer, which was given a DeathStar texture and some extra little spheres for added interest. The Dome was then created as a simple spherical object and given a slight blue colour along with a great deal of transparency.

If it wasn't so transparent you wouldn't be able to see the grotesque alien being inside: composed entirely of spheres and tubes and given some colours and textures of a suitable alien nature.

The planet in the background was created with the Agate textures as suggested, and the lunar surface below is a simple plain which has been distorted a bit and given a nice rough texture. We haven't explored the Action editor yet, but that's where you will find the option to add some stars to the inky-black sky and even add a little ambient lighting. The final image was rendering in 24-bit colour at a resolution of 1024 by 768, which took about 12 minutes on an A4000/040. And all this is without a single brush mapping: something that we'll be having a look at next month.

objects are constructed from small triangles or 'facets', you would not normally expect a sphere to appear very smooth as a result. This is what the Phong shading option does: it smooths the edges. Although this is great for spheres (and therefore drops of liquid, planets and so on), there will be plenty of occasions when you create an object which you want to have a sharp edge. In these occasions, make sure that Phong is clicked off.

Next to the Phong option is the Light switch. Click here and your object will become a light source, with the ability to light any other objects in the scene and cast shadows. This probably won't be used very often because *Imagine* allows light sources to be easily added at the Stage Editor screen.

Light sources are different from Bright objects. When you make an object Bright, it simply means an object will never appear shaded. A good use for Bright is when adding illuminated windows to a spaceship: create a yellow rectangle, make it bright and paste it all over the space ship.

Textures

As well as the modelling the physical appearance on the object, it is possible to adjust the external appearance by adding an extra 'coat of paint' by means of a texture or mapping. In fact, mappings can also control some physical attributes and even the shape, but we'll come back to that soon enough.

Let's start with the textures. *Imagine* has a large number of built-in textures and they are a great asset. These are called 'procedural' textures because they are built-in and calculated specially each time a render takes place. The advantage of procedural textures is that they consume only a small amount of memory and provide excellent results, even when an object is viewed close up. With textures made from bitmap images, the texture can start to look blocky when magnified: this doesn't happen with procedural textures. The disadvantage is the slight increase in rendering time required, and it can also be tricky trying to predict what the texture will look like.

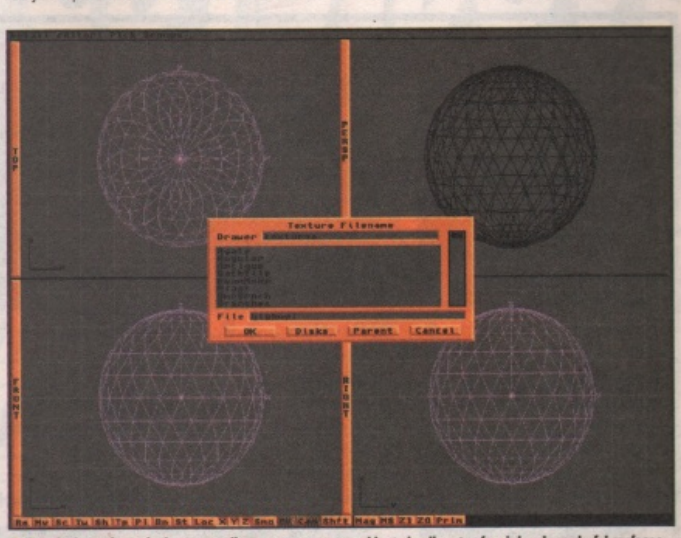
Experiment

To experiment with textures, start with the simple object again, and switch off all the other attributes. Now click on the "Add Txtr" button, and locate the drawer called 'textures'. You should see a list of different files appear.

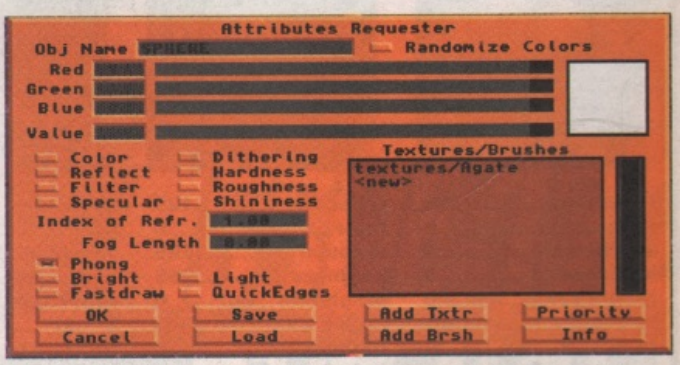
Each of these files is a different texture which can be applied to your object, so pick one, the first one: Agate. You'll see that a new requestor appears. Each texture has a special window which allows you to control the various different options. Settle for the default and you will see that the Attribute requestor returns, but there is now a new entry in the list to the bottom right.

It is possible to add many different textures and mappings to each object, and the list helps you keep track of them all. You can edit each individually from this list, or remove them altogether if required. (Highlight the texture and then click on the Info button to edit or delete it) You can also decide which texture has priority: but don't add too many as rendering time can increase dramatically.

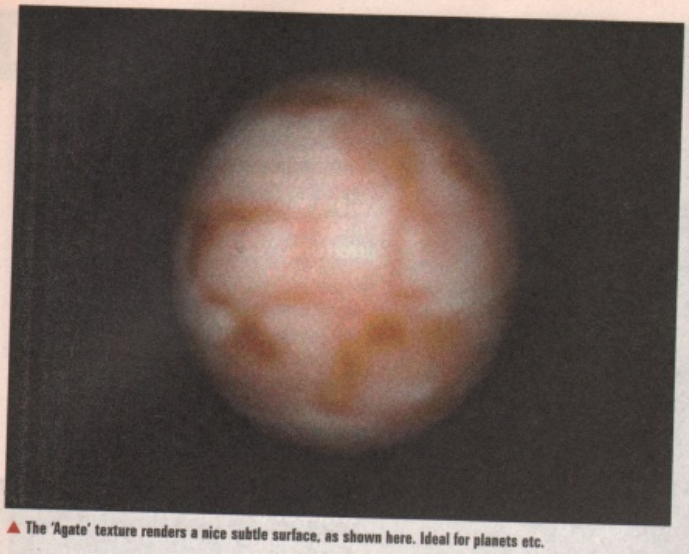
With your newly textured object perform a Quickrender and you'll see that the Agate texture has provided a very swish marble effect. In fact, if you adjust the colours you can quickly knock up an excellent alien planet. As with most textures, the base colour is



▲ Imagine's mathematical textures allow you to wrap your objects in all sorts of weird and wonderful surfaces.



▲ Once you've got your texture loaded, you can embellish it with alterations to the attributes settings.



▲ The 'Agate' texture renders a nice subtle surface, as shown here. Ideal for planets etc.

important as the colours of the texture will let it show through. Also, remember that the physical attributes still apply so you can make a marble sphere which looks hard and shiny, or one which looks dull and rough.

There are so many different textures that there really isn't time to go through them all in turn: you should spend some time experimenting with each. A good trick is to play with the default settings, because very often you will be able to create some wildly different effects by entering unusual values or numbers.■

John Kennedy

Physical Properties

The Physical Attributes properties have the following names and functions. You should experiment with them in turn and together to create the appearance of your chosen material.

COLOR	Adjusts the colour of the object.
REFLECT	Adjusts the ability of the object to reflect its surroundings.
FILTER	Adjusts the transparency of the object.
SPECULAR	Adjusts the colour and brightness of any highlights on the object.
HARDNESS	The harder the object, the smaller the highlight area.
ROUGHNESS	Make the object's surface appear less perfect and smooth.
SHININESS	Applies a special 'sheen' to an object, like the shine in a porcelain sink.
DITHERING	The degree of colour mixing. Keep at default of 255 for most objects.
PHONG	When switched on, performs smoothing on the object.
LIGHT	When switched on, makes the object into a light source.
BRIGHT	When switched on, does not allow the object to appear shaded.
FOG LENGTH	Makes the object transparent and misty
INDEX OF REFR	Adjusts the Refractive Index of the object, and controls how much light is bent when it passes though the object.

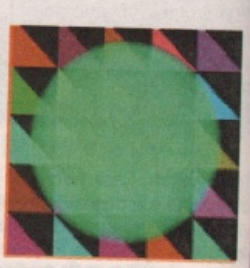
The Effects of the Physical Properties

reflection 0
filter.....0
specular 0
hardness 0
roughness 0
bright .....off
foglength 0
refr. index 1

reflection 128
filter.....0
specular 255
hardness 0
roughness 0
bright .....off
foglength 0
Index of refr 1

reflection 128
filter.....0
specular 255
hardness 255
roughness 255
bright .....off
foglength 0
Index of refr 1

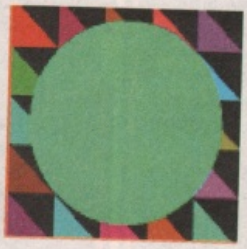
reflection 0
filter.....128
specular 255
hardness 255
roughness 0
brightness .....off
foglength 0
Index of refr 1



reflection 0
filter.....255
specular 0
hardness 0
roughness 0
bright .....off
foglength 32
Index of refr 1

reflection 255
filter.....0
specular 0
hardness 0
roughness 0
bright .....off
foglength 0
Index of refr 1

reflection 128
filter.....0
specular 255
hardness 255
roughness 0
bright .....off
foglength 0
Index of refr 1



reflection 128
filter.....0
specular 255
hardness 255
roughness 0
bright .....on
foglength 0
Index of refr 1

reflection 255
filter.....128
specular 255
hardness 255
roughness 0
bright .....off
foglength 0
Index of refr 1

reflection 0
filter.....128
specular 0
hardness 0
roughness 0
bright .....off
foglength 0
Index of refr.....1.1

COMPUTER
AND
VIDEO
GAMES
A CUT ABOVE THE REST!
AND A HACK... AND A SLASH...
Guardian Heroes
ISSUE 172
OUT NOW!

OctaMED 5.04

PART 5

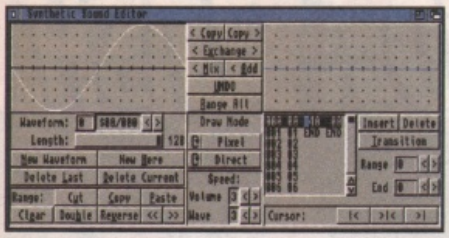
Synthsounds will brighten up your life no end ... find out just what they are in the last OctaMED tutorial ever (well, for the moment anyway).

Continuing our look at alternatives to samples (we examined MIDI last month) ,this month it's the turn of 'synthsounds'. These memory saving but simple and effective noises are especially popular with nostalgic C64 die-hards (come on, some of you must still be addicted to this old machine), although the editor window is a tad complicated at first glance.

First though, to get you prepared, we'll deal with octave-switching. Everyone knows how to play notes C-1to G#3, right? But what about the rest of octave 3 (notes A-3, A#3, B-3)? If you press F2 then the lower octave (keys Z to M) will become octave 2, while the middle keys (Q to U) become octave 3. Keys F3 to F5 work similarly; you'll need them this month because synth sounds can use five octaves (samples use only three). Press F1 to return to normal.

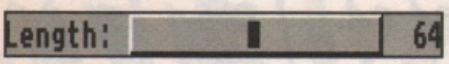
Synthetic material

Assuming OctaMED's loaded, press F3 to switch to octaves 3+4 (the cycle gadget near the top-right confirms this). Make sure Edit mode is off, then click EditSynthS (top-right). Hmm. Ever programmed a PC? Have no fear,



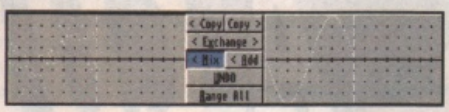
you'll be churning out lovely bleepy sounds in no time.

Select Project menu -> New Synthsound, click inside the left-hand large speckled box, then select Presets menu -> Sine Wave. Play the sound (you can stop it using the space bar). Do you find it too low? If so slide the

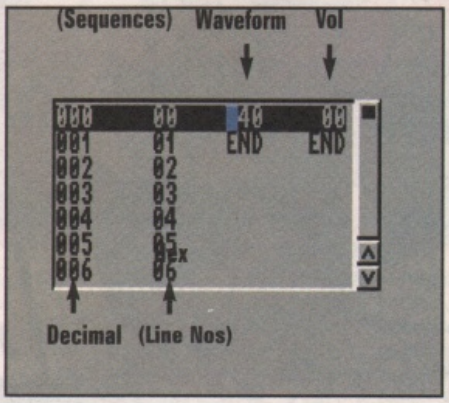


Length slider (middle-left) to 64, then select Sine Wave again. The waveform's now halved, one octave higher.

It's all a bit like a mini sample editor. The two speckled waveform boxes are each 128 bytes long, the right hand one acting as a copy buffer and spare waveform. Click Copy > (top-middle) to transfer the sine wave to the buffer, then select Presets menu -> Noise. A hard sound, completely the opposite of the sine wave. Which is why we're going to mix them together! Click < Mix (top-middle) to do this and play the sound. Because Noise is random, if you repeatedly select it then click < Mix you'll get slightly different results each time.



If this was all you could do in the editor – juggle with waveforms – it'd be nothing special. But not with OctaMED! See the mysterious box of numbers and ENDs on the right? Here you tell OctaMED what else to do with the synthsound; perhaps add volume changes or pitch slides. Most of these instructions consist of a three-letter 'keyword' and a hexadecimal value. For example, CHU 04 means 'change up four steps'; VBS 40 means 'set vibrato speed to 40'. The box is split into four columns. The first two are line numbers in decimal and hex, then we have the 'volume sequence' and 'pitch sequence'. We'll examine the volume sequence first. It contains a keywordless value 40; this means 'set volume to level 40', meaning level 64 in decimal, meaning full volume. Don't forget about the hex values, it's a common mistake.



Sound instructions

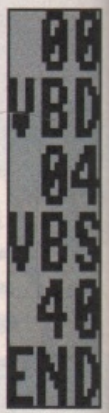
Firstly, we'll halve the volume by changing the 40 to a 20. Move the editor window to the very bottom of the screen (revealing the Edit check box), then press the Esc key to turn Editing on (it's the safest way). Now press right arrow and 2 – should have changed to 20? – then switch Editing off (Esc key) and play. OK, now switch editing on again and press left and 4 to change back to 40. And don't forget to switch editing off before playing!

OK, we'll add a CHD 05 command now. Every three letter keyword is entered using one particular key; for CHD, this is the D key. So using the cursor keys, position the cursor over the E in the left hand END, then press Return to insert a new line. Now press D, 0 and 5 ... CHD 05 should be entered now. Switch editing off and play. Notice the fade? The volume CHanges Downwards five steps.

Good! Now try adding WAI 08 CHD 00 by turning Editing on, moving the cursor over E in left-handEND, press Return then press W for WAI. Press 0, 8, Return, D. You'll find that the last 00 is created for you. Turn Editing off and play. What you will hear is the volume starting to decrease. OctaMED walts for 8 time units then stops the volume fade (CHD with value 00). This is pretty neat, don't you think?

Always press return and esc!

I'm the first to admit that editing's fiddly, but just remember to press Return before inserting a command, and switch Editing off before you press play and on again to edit and you'll be OK. To delete a command or value, press Del. And be careful! OK, in exactly the same way we're going to add vibrato to the sound. Just like player command 04, there are two parts to the vibrato, depth (command VBD) and speed (VBS). We'll add VBD 04 VBS 40. So move up to the right hand E in END now (the pitch sequence), and enter the commands using key V for VBD and Shift-V for VBS. Remember: Return, command key, value, Return, command key, value, edit-



ing off, play. A bit of vibrato makes so much difference to a synth sound. Try changing the depth and speed values too (in hex remember!), especially the depth to (say) 50 because the sound is just so silly you'll have a right laugh. It's not very usable at this level, but interesting nonetheless.

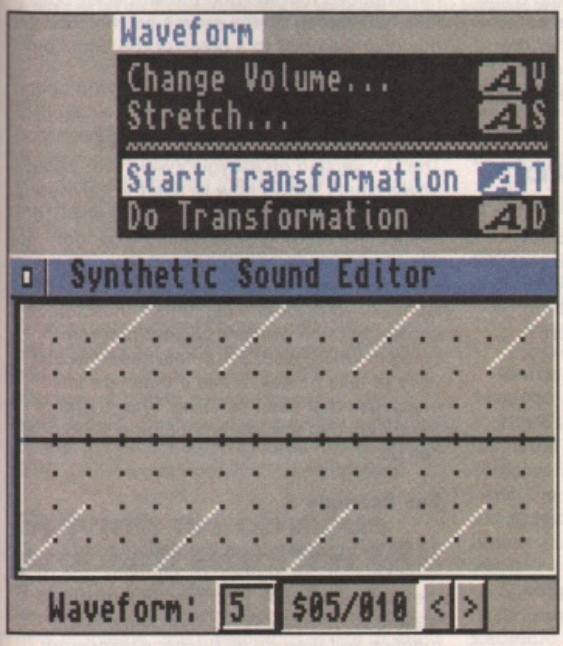
Right. Quite enough of that synthsound. Select instrument 02, then select Project menu -> New Synthsound. Now, something I've neglected to tell you so far is that there can be more than one waveform in a synthsound, in fact up to 64. They're just like blocks in the Tracker editor, so much so that they have their own playing sequence!

Did you notice the unexplained 00 in the pitch sequence? That means 'play waveform number 00'. It's all becoming clearer ... what we're going to do is quite fancy. Over the space of eleven waveforms, a pulse wave will gradually change into a ramp up wave. So click in the left hand speckled box, then choose Presets menu -> Pulse Wave. It's too low again at the moment, but this time click Range All (middle of window), then click Double twice (bottom-right). This is just like changing the length to 32, but hey! We now know we can mark ranges in the synth editor as well as the sample editor. Marvellous!

Next, click New Waveform (bottom-left) ten times to add ten new waveforms (the last one should be number 10). Now select Presets menu -> Ramp Up, then click Double twice again. At the moment the white range is a bit glaring, but we can switch it off using the left-hand of the three Cursor buttons (far bottom-right). Actually, it's not really switched off, just set to zero. To complete things here, the middle button marks a range bang in the middle, the right-hand button at the right.

Some sequence commands

HLT (Halt, key H): Like END but can appear anywhere (not just at the end).
JMP (Jump, J): Skips to another sequence line.
JWS/JVS (Jump in waveform/volume sequence, Shift-J): Skips to another sequence line in the other sequence.
WAI (Wait, W): Pauses for given length of time.
SPD (Set speed, S): Sets sequence's execution speed.
CHD/CHU (Change down/up, D/U): Set volume/pitch change down/up speed.
RES (Reset, R): Resets note's pitch (after a CHD/U).
VBS/VBD (Vibrato speed/depth): Set vibrato.
ARP/ARE (Start/end arpeggio definition, A/E): Alternates between several given pitches. See end of tutorial for an example.



More magic

Time for some more magic. Select Waveform menu -> Start Transformation. Then, to move to the first waveform, click the < arrow underneath the left hand speckled box while holding down Shift. (You should see the pulse wave.) Now select Waveform menu -> Do Transformation. Nothing happened? OK, use the > arrow (without Shift) to display the other waveforms, and you should see the pulse wave slowly transforming into the ramp up. Amazing! So OctaMED's filled in the waveforms between 0 and 10 with the intervening stages, the musical equivalent of morphing. But they won't all be played yet; remember the playing sequence?

Currently only waveform 00 is played, so we need to enter numbers 01 to 0A (hex) into the pitch sequence. Boring? No! Exciting! And OctaMED, as ever, has a handy shortcut.

Add number 0A to the pitch sequence (move to END, press Return, change the 00to 0A). Move up to the 0A and click Transition (on the right). Hey Presto! Move down to END, then add an 01 and click Transition again. Finally we need to jump back up to line 00, causing a repeat. JMP 00 will do this, so add it to the end (use the J key for JMP). And play the sound.

We're not doing bad at the moment, but it could be much better, so here's a couple of bonus commands. Firstly, add VBD 0F VBS 30 to the very top of the pitch sequence, using keys V and Shift-V as before. When entering the keywords, make sure the cursor is at its leftmost position (on the first letter of a keyword or on the left of a value) before pressing Return: another important lesson. Managed it? See if the sequence agrees with the screenshot on this page.

Finally, let me introduce a particularly spooky command: arpeggio. Arpeggios are almost like chords, except the notes of the chord are played one by one very quickly. You'll see what I mean when you've tried it out. Move back to the very top of the pitch sequence, and add ARP 00 03 07 0B ARE, using the A key for ARP and E for ARE. The values between the ARP and ARE are the differences in semitones from the bass note ... that's right, just experiment. You'll find more synthetic sound info in the box-outs.

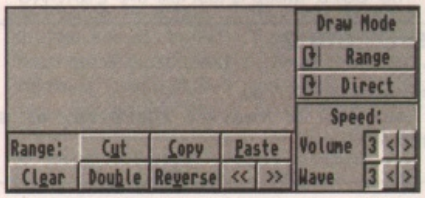
If you want to save your synthetic masterpieces, close the window and select Instr menu -> Save Instrument -> IFF 8SVX Format for each one. And that's it. Happy music-making folks. ■

Ed Wiles

```
VBD 0F
VBS 30
ARP 00
    03
    07
    0B
ARE 00
    01
    02
    03
    04
    05
    06
    07
    08
    09
    0A
    09
    08
    07
    06
    05
    04
    03
    04
    03
    02
    01
JMP 0A
END
```

More synthetic tools

Have a good doodle! Instead of relying on preset waves, try drawing waveforms freehand using the mouse. For lines, click on the first Draw Mode cycle gadget (middle of screen). Click on it a second time and then dragging the mouse will mark a range instead, just like in the sample editor. The range affecting buttons are at the bottom-left; all should be self-explanatory, apart from perhaps << >> which shifts the ranged waveform left or right.



The Speed arrows set the execution speed of the volume and pitch sequences (pitch is called Wave here). The values are in fact the number of 'ticks' between each sequence line (see November's tutorial for a reminder of ticks). In the Waveform menu, use Change Volume as in the sample editor (50 halves the range's volume). Stretch is weird, and I haven't found a use for this one yet, but do try it out: a positive number stretches right, negative left.

Any questions?

If you need to find out more why not join the MED Users Group? Among other things it produces a bi-monthly disk-mag, TI. Contact Richard Bannister: 6 Glevum Road, Swindon SN3 4AF (01793825219). For MIDI advice, your man is Kevan Craft: 12 Moult Road, Runcorn WA72BH (01928 563762). And, well, there's me I suppose: 9 Kirkland Wynd, Dumfries DG1 4ES (01387 265776), or e-mail e.d.wiles@durham.ac.uk.

Amiga E Tutorial

PART 3

So far we've made a simple GUI and a basic text-finding program to control it. This month we'll make some enhancements to the code.

For compatibility with Workbench 1.3 users, the E function 'ReadStr' uses the old, unbuffered DOS library functions. This means that it is not as fast as it could be. Luckily there are several simple ways to improve matters, and one of the simplest and most effective is to use the Async module, written by Michael Zucchi.

Documentation on the Async module can be found in the directory 'Src/Tools/Async', but basically what it does is read lumps of a file into buffers in memory before they are actually needed. At the same time your program can be getting on with other things, and when it tries to read the next line from the file it will all happen very quickly, because the line will already have been read into a buffer.

Incorporating the Async functions is very easy. All we need to do is use 'as_Open' and 'as_Close' instead of 'Open' and 'Close' lines, and update 'myreadstr' to use 'as_FGetS'. The call to 'Open' in 'scanfile' can be replaced with:

```
fh:=as_Open(file, OLDFILE, 3, 5000)
```

The extra parameters specify the number of buffers to be used (three) and the size of each one (5000 bytes) – these are the recommended values. This is not quite the whole story, since we need to raise an exception if 'as_Open' fails. For this reason it is simplest to factor it all into a new function, say 'myopen'. A call to 'myopen' would then be identical to a call to 'Open'.

See Example 1

Replacing 'Close' is much easier, but for consistency we should factor it into a new function, say 'myclose'. The new line in the exception handler of 'scanfile' is then:

```
IF fh THEN myclose(fh)
```

and the definition of 'myclose' is:

```
PROC myclose(fh) IS as_Close(fh)
```

Finishing off the trio of I/O functions, we can update the 'myreadstr' function.

See Example 2

Notice that if the call to 'as_FGetS' succeeds then the length of the E-string 's' is set using 'SetStr' to be its length calculated using 'StrLen'. This is because 'as_FGetS' is not an E-string function, so if it is used to alter the contents of 's' then 's' must be repaired (in exactly this way) before it can be used as an E-string again.

Stopping the search mechanism!

Now that we've finished speeding up the search we can concentrate on stopping it! The first step is to add a new button to press. To tidy up the GUI we'll put the collection of (now) three buttons in a column, so we'll replace the two lines:

```
[BUTTON,{b_go},'GO!'],
[BUTTON,{b_quit},'Quit']
```

with:

```
[COLS,
  [SPACEH],
  [BUTTON,{b_go},'GO!'],
  [SPACEH],
  [BUTTON,{b_stop},'Stop'],
  [SPACEH],
  [BUTTON,{b_quit},'Quit'],
  [SPACEH]
]
```

The 'COLS' group is just like the 'EQROWS' group, except it arranges its gadgets in columns and they aren't made equal in size. The 'SPACEH' gadget is a dummy gadget that acts as stretchy glue between the other gadgets. This has the effect of spacing the gadgets out neatly. You might like to experiment by removing some of the 'SPACEH' lines (this is where the sheer speed of the E compiler comes in very handy, since you can see the effect of your changes extremely quickly).

The action function, 'b_stop', should somehow stop the search. Those of you who have played with the current program will have noticed that the GUI does not respond whilst the search is in progress. In particular, you'll have noticed that resizing the GUI does not take full effect until the search has finished. So how can we react to a press of the 'Stop' button whilst the search is going?

Checking the GUI

The DIY version of 'easygui' (which we called 'myeasygui') shows how to use the 'guimessage' function of EasyGUI to handle any GUI events (like resizing or activating a gadget). So, all we need to do is call this function if there are any messages waiting to be processed. Normally you would 'Wait' until a message arrives, but this would stop your program doing anything else. So, in this case, we just want to take a peek to see if there are any messages that need handling. This is one of the things that the system function 'SetSignal' can do.

See Example 3

As you can see from the definition of 'checkgui', if 'SetSignal(0,0)' contains one of the GUI's signal bits then there's a message waiting to be processed. The 'guimessage' function will then do all the necessary work, and this may involve calling one of the GUI's

Example 2

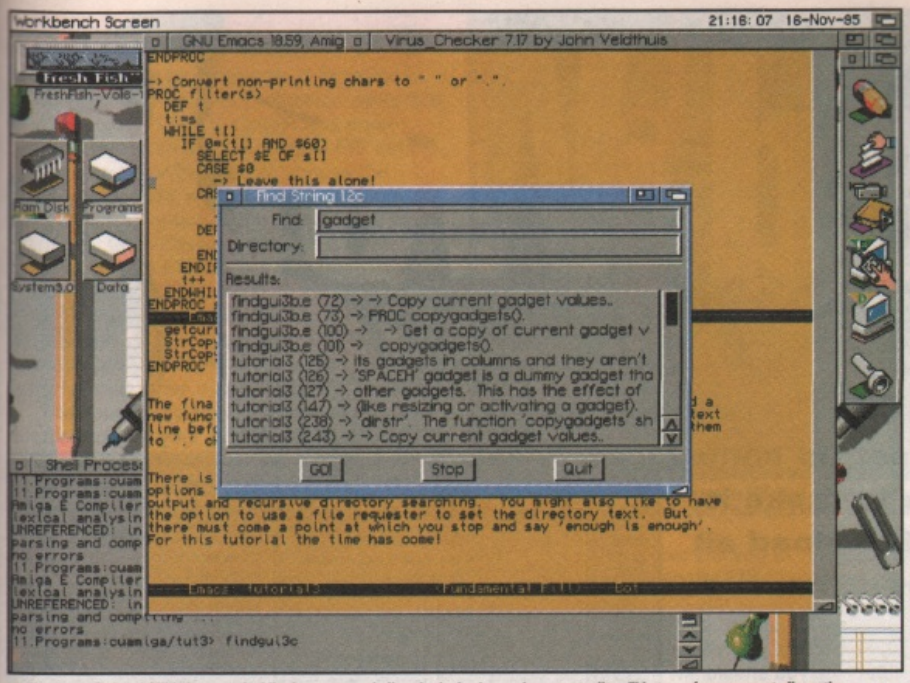
```
PROC
myreadstr(fh, s)
   DEF res IF res:=as_FGetS(fh, s, StrMax(s)) THEN SetStr(s, StrLen(s))
ENDPROC res
```

Example 1

```
PROC myopen(file, mode)
   DEF fh
   IF fh:=as_Open(file, mode, 3, 5000)
     RETURN fh
   ELSE Raise(ERR_OPEN)
   ENDIF
ENDPROC
```

Example 3

```
-> Handle any GUI messages (e.g., resizing).
PROC checkgui()
   IF SetSignal(0,0) AND gh.sig
     IF guimessage(gh)>=0 THEN Raise(ERR_QUIT)
   ENDIF
ENDPROC
```



▲ Here's our find tool GUI being tested while the source code lives in the background on a text editor. This type of arrangement allows the programmer to make quick changes to the GUI code, recompile and witness the results in a short cycle without changing screens.

action functions. If the result of 'guimessage' is negative then everything is fine (see the documentation on EasyGUI), but if it's zero or positive then the GUI should be closed. We can do this by raising the 'ERR_QUIT' exception (as if the 'Quit' button had been pressed).

This 'checkgui' function need not be called too often, just at key points in the program. In our program there's only one optimal place: in the loop that reads lines from a file. This means that the 'Stop' button could stop the search even if it were in the middle of reading a large file. In fact, stopping the search is just a matter of raising a new exception, say 'ERR_STOP'. This would eventually be handled by the 'go' function and ignored (unlike the 'ERR_QUIT' exception which is re-thrown).

Solving an obvious problem with the GUI

Now we've made the GUI appear to act asynchronously to our search there are some new problems: there is the possibility of the user pressing the 'GO!' button and causing another search to begin whilst one is already in progress! Also, the user may change the value of the find string (or, less importantly, the directory string) and so change the search in mid flow.

Luckily, these problems are quite simple to cure. We can prevent multiple searches being started at once with the addition of a global variable to act as a ready flag. Once this is done, we can safely make copies of the current values of the directory and find strings before starting the search and use these copies during the search.

```
DEF
ready=TRUE
```

The 'b_go' action function should now check and set this flag instead of just blindly calling the 'go' function.

```
PROC
  b_go(info)-> Only go if not busy.
  IF ready
    ready:=FALSE go()
    ready:=TRUE
  ENDIF
ENDPROC
```

The 'Stop' button can now raise an exception if the ready flag is not set, i.e., if the search is in progress. (If it raised an exception when the search is not in progress then it would have the same effect as the 'Quit' button – try to work out why.)

```
PROC
  b_stop(info)-> Interrupt if busy.
  IF ready=FALSE THEN Raise(ERR_STOP)
ENDPROC
```

To make things a little easier to change, we'll name the copies of the E-strings 'xfindstr' and 'xdirstr'. In fact, it'll be simpler to make the GUI use these E-strings and leave the search using 'findstr' and 'dirstr'. The function 'copygadgets' should be called as the first line of the 'go' function, to set up the copies.

```
-> Copy current gadget values.
PROC copygadgets()
  StrCopy(findstr, xfindstr)
  StrCopy(dirstr, xdirstr)
ENDPROC
```

The Source Code

We included the source code and executable examples for all three parts of this Amiga E tutorial on last month's cover disks. If you missed out on the February issue, you can order your copy from our back issues department. Call them on 01858 468 888.

Further improvements

The program is now largely complete. It's fast, responsive and pretty useful, but there are a couple of minor improvements which might make it nicer. The first is the fact that all Intuition text or number entry gadgets do not cause an activation event unless the return or TAB key is pressed in them. So, if you type some text in the directory gadget and then click on some other part of the GUI the 'xdirstr' will not be updated. This is a common problem and even commercial programs like Wordworth have large sections of their manuals devoted to telling the user to hit the return key in text entry gadgets!

Even though this is a common problem, there is a very simple solution. The actual contents of the gadget can be extracted using the 'specialinfo' element, which, in the case of text gadgets, is a pointer to a 'stringinfo' object. This object has a 'buffer' element which contains the current contents of the gadget. This string can then be copied to the GUI's E-string using the EasyGUI function 'setstr'.

See Example 4

The 'gad' parameter is an identification of a gadget in the EasyGUI list (just like 'resgad' from the last tutorial). We can identify 'dirgad' and 'findgad' with the appropriate EasyGUI gadget, and then call 'getcurrstr' in the 'copygadgets' function for each one, just before copying the E-strings.

```
-> Copy current gadget values.
PROC copygadgets()
-> Extract strings from gadgets.
  getcurrstr(findgad)
  getcurrstr(dirgad)
  StrCopy(findstr, xfindstr)
  StrCopy(dirstr, xdirstr)
ENDPROC
```

The final minor improvement is an exercise for the eager reader: add a new function to filter out non-printing characters from a matched text line before it is reported. (The simplest approach is to convert them to '.' characters.)

There is a lot scope for extending this program: you might like options to search for whole words, ignore case differences and recursive directory searching. You might also like to have the option to use a file requester to set the directory text. But there must come a point at which you stop and say 'enough is enough'. For this tutorial that time has come! ■

Jason Hulance

Example 4

```
-> Copy string from gadget buffer.
PROC getcurrstr(gad)
  DEF g:PTR TO gadget g:=findgadget(gh, gad) setstr(gh, gad, g.specialinfo::stringinfo.buffer)
ENDPROC
```

Wired World

PART 8

This month we set up some new FTP clients to make it even easier to download all those lovely files.

AmiTCP comes with a reasonable File Transfer Protocol (FTP) client known as *NcFTP*. Not too many people actually realise how powerful this CLI based client is so we'll cover a few of the lesser known but interesting nonetheless facts before going on to other methods of getting those files onto your machine via FTP.

No need NcFTP

Firstly, there's no need to activate *NcFTP* with the name of the site every time you use it. Create a text file inside your home directory. Your home directory will be inside the 'usr' directory in your *AmiTCP* main directory. The name of it will correspond to your default login name. In my case, it's 'mat'. Call the text file '.netrc' if it's not already there. Insert the following text:

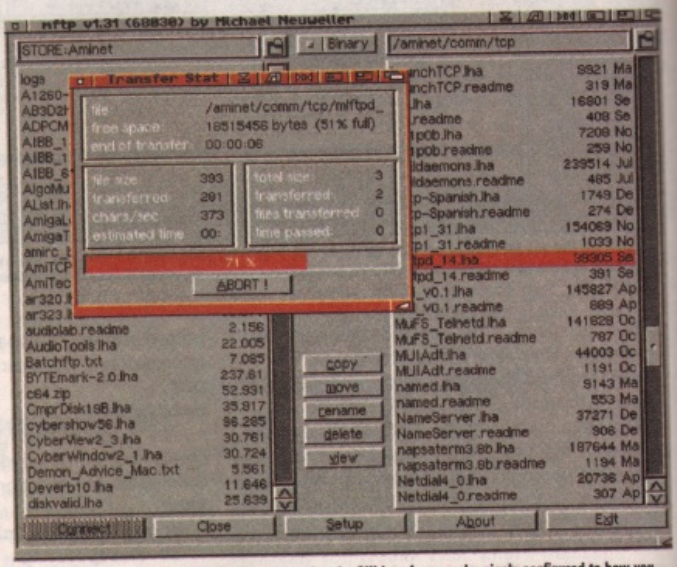
```
machine sunsite.doc.ic.ac.uk
    user anonymous
    password mat@cu-amiga.demon.co.uk
    account Does.not.use.accounts
    macdef init
      cd aminet
```

Save the file out. Start up *NcFTP* by just typing it's name. Then type 'open'. You'll see a list of sites appear with corresponding numbers. If you've run *NcFTP* before, all your most recently accessed sites will be listed in the first bank. With a little luck you should now have 'sunsite.doc.ic.ac.uk' listed on the second part. This won't move. All you need to do is type the number of the site you want and *NcFTP* will attempt to connect to it. Note the last line with 'cd aminet'. *NcFTP* will automatically perform this default operation when you log in. Handy, in this case, as it'll put us in the root Aminet directory on the UK Imperial College Aminet mirror all in one go.

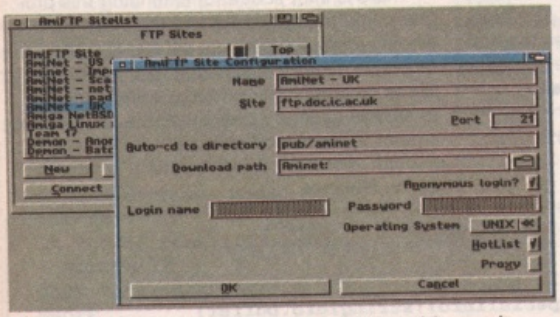
You can also just type 'open' and then the number of the site if you know what it is. Remember the first bank of numbers will change since this represents your last called sites. If it's difficult to get onto your desired site because it has a maximum number of anonymous users you could try launching *NcFTP* like this;

```
NcFTP sunsite.doc.ic.ac.uk -r
```

The '-r' will make *NcFTP* keep retrying the connection until it gets though.



▲ Usage of mftp (as seen here) or AmFTP means that the GUI interface can be nicely configured to how you like it care of MUI. Nice progress bars when downloading are a common feature of all GUI FTP clients.



▲ Entering a new FTP site into AmiFTP; most FTP sites will just need the name, site address and a click on the anonymous login box which you can call up using Hotlist.

Beyond text

The Amiga has moved beyond the text based interface and accordingly there are some excellent GUI FTP clients available. No horrible case-sensitive Unix interfaces to deal with. The choice is simple a matter of taste. My favourite is *AmFTP* by Oliver Wagner, author of the brilliant *AmIRC* client. Apparently Amiga Technologies agree with me as it's going in the Amiga Surf Internet bundle. Those inclined to dislike MUI might like to try the next best thing in the form of *AmiFTP*. That's right, the only difference is the 'i'. There's also another nice MUI client called *'mftp'*. Both of these can be found in the following Aminet paths;

util/tcp/AmiFTP.lha
util/tcp/mftp1_31.lha

AmFTP is still under development with regular new versions being released on a separate FTP site. Have a look for the latest in this FTP site and directory;

ftp.vapor.com/support/AmFTP/

Each of these clients operates in a slightly different way in terms of setting up sites to call etc. *AmFTP* and *mftp* are similar to disk filers. They display two listers, one of which is a directory on your local drive and the other is the remove FTP directory.

Generally all that's required is to click on a file on the FTP site, after moving into the desired directory etc., then clicking on download or the equivalent. It'll be FTPed into the directory on the other lister.

Similarly, if you click on a file on your drive and then the send/put gadget, it'll be uploaded to the FTP site.

Different AmiFTP

AmiFTP works a bit differently. It doesn't use two listers, just the one. The reason being that you will usually want to upload less often than download so just the remove FTP directory is displayed. When you do choose the send/put function, a file requester appears. *AmFTP* has an option in the menu called 'Directory tool'. Deselect this and it reverts to a single remote FTP lister in the *AmiFTP* style. When editing the site list in all these clients, it's as simple as inserting the name (which usually shows up in the hotlist), site name and the directory which the client should move to automatically when it does log on.

The download path will set the left hand lister directory on your local drives on *AmFTP* and mftp. With *AmiFTP*, there's just a text gadget at the bottom which selects the download path. Most have a simple check-box for anonymous log-in. You'll want to click this on all of your sites unless you specifically have an account there, for instance if you want to access your provider's FTP site to pick up some batch FTPs or the like. In this case, you would put your domain (ours would be 'cu-amiga') as the user name and your password (as found in your dialler script) for the password. Logging in to your providers FTP site in this way will mean that your batch FTPs will appear in the root directory. This is how it is with Demon though it may be different for other providers.

AmFTP wildcard

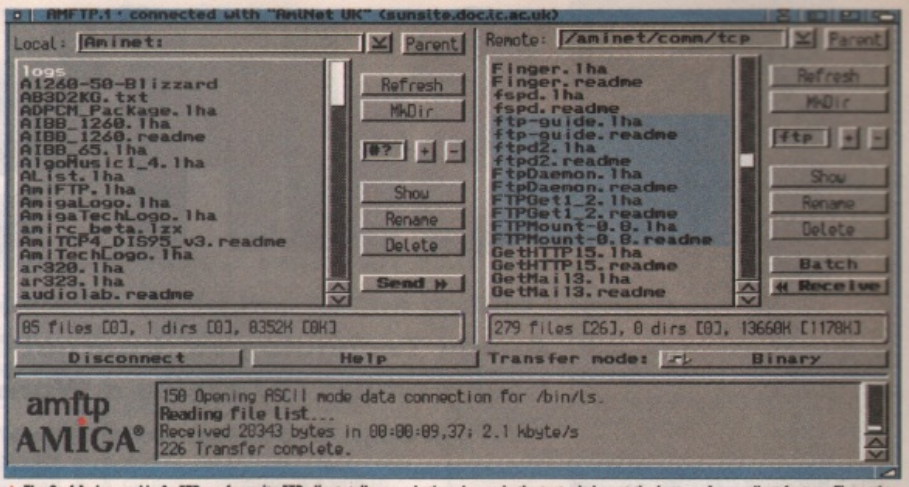
Where there are port number boxes, leave them at 21. Click on the hotlist box in *AmiFTP* to have the site appear in a menu for quick selection. Whenever an option exists for Binary or ASCII/Text transfer, always choose Binary mode or your downloaded files will be corrupt. A nice feature in *AmFTP* is the wildcard function. For example, enter the comm/tcp directory of an Aminet mirror, then put '#?.readme' in the box next to the '+' and '-' gadget. Click on '+ ' and all the Aminet readme files for every file in the comm/tcp directory will be marked for download. On all the GUI clients, don't forget to use the pop-up gadgets right next to the FTP directory path box. This will give a short history of the last directories and you should be able to move back several directories without having to load each one.

GUI clients generally reinvent the wheel in terms of the directory utility aspect. The new *Directory Opus 5.1* has an FTP module which allows you to log a lister on to an FTP site. This is amazing in use. Simultaneous browsing and downloading via several listers is a real boon which makes *Directory Opus 5* an excellent addition to an Amiga 'net users arsenal. However, there's one often neglected file on the Aminet that just about accomplishes the same task for free. Grab it right away from the Aminet path;

util/tcp/FTPMount-0.8.lha

Amazing FTPMount

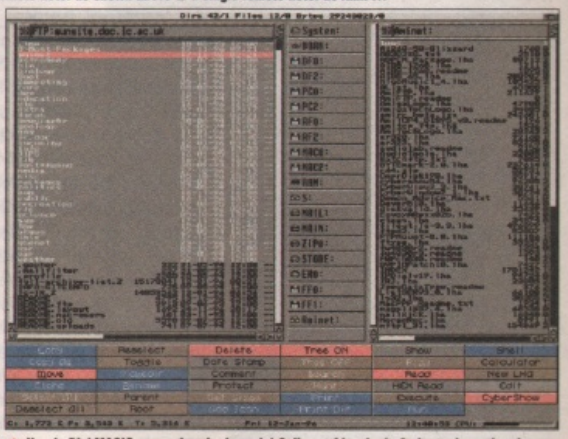
In the great tradition of high quality PD, it has a nice installer to take care of the niggly bits. I recommend you install it in your *AmiTCP*:



▲ The Surf Amiga pack's AmFTP, my favourite FTP client, tells you what's going on in the text window at the bottom. An excellent feature. The entire GUI is also configurable to contain either a local and a remote lister as shown above or a single remote lister as AmiFTP.

assign and when it prompts you to decide what to do with the FTP mountlist, I recommend you choose 'WBStartup'. When this is done, *FTPMount* is basically installed. If you don't want it installed on your Workbench every boot, leave it in Devs: and activate it by executing the line; 'Mount Devs:FTP'. An obvious place to put this would be in your startnet script in *AmiTCP*:bin.

Now for the magic; load up your favourite directory utility and access the FTP: device. Wow, look at that! You have a list of sites and providing you are linked up to the 'net at the time, if you enter any of these virtual directories, *FTPMount* will automatically log in and return a directory based on the contents of the remote FTP site of that name. Gosh, is that cool or what? Now how do you set up your own sites for *FTPMount*? You could simply enter FTP:sunsite.doc.ic.ac.uk/ and *FTPMount* will log in anonymously right away but it's obviously preferable to have your own favourite sites appear in the FTP: root directory.



▲ Here's DiskMAGIC accessing the Imperial College of London's Aminet mirror site via FTPMount. If you want to use your own directory util, FTPMount is just right for the job.

Via the workbench

Via the Workbench, enter the directory where you had *FTPMount* installed. Inside the *FTPMount* directory should be another directory called 'Hosts'. Enter this. Here you'll see a load of icons representing directories with each one being a site of its own. Delete any from the default configuration that you won't ever use.

To create a new icon, select Window/New Drawer from the Workbench menu. An icon will appear. Select it with a single click and then choose Icon/Information from the Workbench menu again. In the resulting GUI that appears, all we need to do is add some ToolTypes which tell *FTPMount* what it needs to know about the site to log on. There's quite a few other commands which you can add to the Icon Tooltypes so have a look in *FTPMount*'s docs for more. Mostly you'll only need 'HOST' and 'ROOT'.

Pay special attention to the Default icon. These settings will be used if you just enter an FTP site manually by accessing FTP:<ftp site address>/. When logging in anonymously, it's customary to send your E-Mail address as the password with a user name of 'anonymous'. *FTPMount* does this automatically but you'll need to make sure the ENV variables 'USER' and 'HOST' are set to that the correct password is sent.

If you want to log in to a site with a password, you'll need to enter a 'USER' and a 'PASSWORD' tooltype with the appropriate values inserted afterwards. By the way, you don't have to use a directory utility either as the FTP: device can be accessed from the Workbench too. ■

Mat Bettinson.

Next Month

In the next issue we'll be looking at setting up an FTP server or daemon (a background program) on your own machine. Then other Internet users can download and upload material to your machine without any interaction from yourself. Also, if you'd like to let us know what other topics you'd like to see covered in the Wired World tutorials in the future, drop me a line at mat@cu-amiga.demon.co.uk or even Fidonet on 2:254/205.0. Surf on.

Surf's up!

Amiga Technologies' Internet 'Surf Pack' hits the beach whilst CU starts a Worms mailing list and a newsgroup is set up to support Blitz Basic 2 users.

Net God speaks

Taking a break from Amiga specific comms for a while, I'd like to comment on a major problem with the Internet in general. Seeing as most of us use dial-up providers, we have to pay huge bills to our beloved British Telecom for off-peak local calls. It's now a crippling expense given the minuscule bandwidth available within the ever increasing congestion of the Internet. BT is setting up game lines where you get to play multi player games for just the cost of the call. How can this be justified? We pay BT the same rate AND a subscription charge to a third party Internet provider. Surely BT owes us more for the money? I feel that they should be charging the current rate for an Internet service and FREE off-peak local calls made to anyone else! Certainly the monopoly BT (still) enjoys should not be used to favour its own services. Therefore I urge all comms users to write to your MP about the matter. Allow political policies on telecommunications to influence your vote and investigate fully Labour's highly suspect 'BT alliance'. Make your voice clear. You're paying for it.

News

AT 'surfing' pack

Amiga Technologies' highly welcome Internet 'Amiga Surf Pack' consists of an Amiga 1200 with 270MB HD, 14400 baud modem and an Internet software bundle along with the usual Magic Pack software. CU Amiga Magazine can now exclusively reveal the the contents of the bundle. The WWW Browser will be *Voyager*, as previewed last month. An IRC client will be bundled in the package too and this is none other than *AmIRC*, another excellent product from Oliver Wagner. Mr Wagner must be pretty busy at the moment since his *AmFTP* FTP client will also be included. The whole package is based around the AS225r2 TCP/IP software that Commodore developed in house but never made public. The new *VooDoo* software is included to handle E-Mail and VLT as a dial-in terminal. It's shaping up to be an absolutely killer Internet bundle, We only hope that Amiga Technologies will also make it available to existing Amiga owners!

Worms mailing list

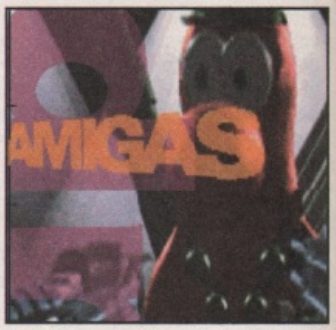
Team 17's smash-hit game *Worms* has virtually reached cult status in the Amiga community. Users of some general newsgroups and mailing lists have complained about the massive amount of *Worms* traffic inundating the conferences. CU Amiga Magazine has come to the rescue with a *Worms* E-Mail mailing list for all things pinky and wormy. To join, send a single line E-Mail to our mailing list server at listserv@cu-amiga.demon.co.uk. Put on this line;

```
ADD worms
```

If you're not on CU Amiga's mailing list still, substitute 'worms' for 'cu-announce' for our announce only group or 'cu-amiga' for the discussion list. For further instructions send;

```
HELP
```

to listserv@cuamiga.demon.co.uk. Codes for amazing screens, worm name ideas , locations of custom maps, hint, tips, cheats and tactics will be the order of the day. Team 17 are also present. Just before going to press they revealed that they have dropped plans to create *'Net Worms'* on the Amiga. The reason given is a lack of interest on the part of the Amiga community. Prove them wrong and E-Mail your thoughts to spadge@team17.com now!



Blitz Basic newsgroup

New and potential programmers using Acid Software's *Blitz Basic* 2, should know that there's a Usenet Newsgroup dedicated to *Blitz Basic* support. Add 'alt.sys.amiga.blitz' to your Newsgroups file to get on to to the Blitz Newsgroup. *Blitz Basic 2.1* is reviewed in this issue so if you've any further questions or if you already use *Blitz Basic*, this would be the ideal place to converse with other users. The authors can also be found in this group to raise any support/future version issues etc. Recently Mark Sibly announced that after his next (unnamed) game, he'll be setting to work on *Blitz Basic 3*. This started a massive thread about what existing *Blitz Basic* users would like to see in *BB 3*. Join up and you can have your say too. ■

Barnet censorship free

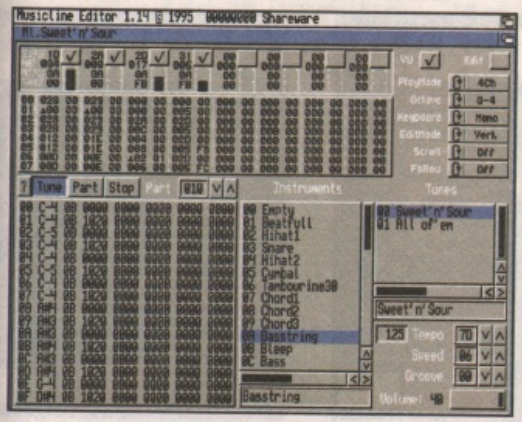
Fidonet, the pre-Internet network that is passed around BBSs via direct calls, has always maintained a clean image. Unlike the Internet, every conference is 'moderated' and generally speaking, swearing and other culturally sensitive behaviour is banned and use of this can see any individual removed from the network. Fidonet possesses many Amiga conferences and so remained quite a valuable resource. However, many Amiga hobbyists felt stifled by the rules and so set up an alternative network that really is 'anything goes' including aliases instead of real names. Called the 'Barnet', you can gain access to it from a number of supporting BBSes. Some of which include;

BBS	Location	SysOp	Phone number
SlimeLiteBBS	London	The Landlord	0181-230-1566
Backyard BBS	Harrow	Xerra	0181-424-2065
Darkside	London	Darkman	0181-771-9100
Frost Free	Slaithwaite	Knocker	01484-842-341
Beachy Head	Eastbourne	Wynny the Poo	01323-520-999

Sound Lab

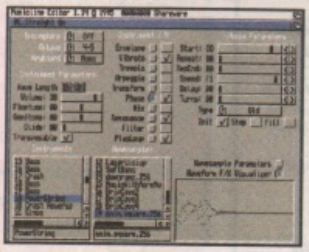
This month Tony Horgan takes a look a some of the most impressive and innovative noise-making tools to be found in the public domain.

Musicline Editor



Most trackers seem to have been lacking ambition recently, content to concentrate on trying to play more tracks than the opposition, which considering the reduction in sound quality is a waste of time in my opinion. However, *Musicline Editor* injects some much-needed inspiration into the scene.

While at first it may seem like just another tracker, it stands out thanks to its unique combination of sample and synthesis playback. For years we've been able to add basic effects to samples as they played, such as vibrato and tremolo, as these just alter the replay speed and volume parameters which is simple to do. *Musicline* takes this to another level by adding synthesiser controls, including filter, resonance and phase. Instruments are made by combining standard sound samples with these and other synthesiser settings. The results can be very impressive, allowing the use of synth sounds that have filter sweeps automatically built in, so that when you play a bassline for example, each note gets progressively more spiky, then slides back down to a more muffled sound, without you having to program in loads of little changes on each note.



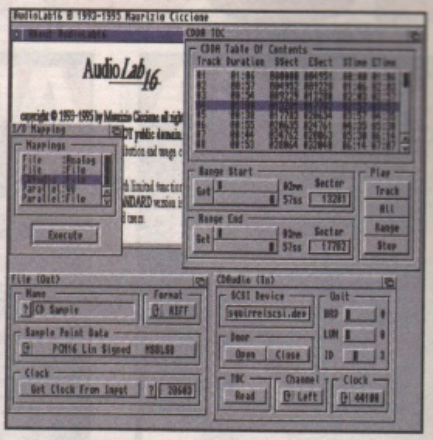
At the moment the interface is somewhere between a fixed *ProTracker*-style layout and a more OS-compliant system including standard menus and radio buttons. You can select any screen mode you have available but the actual screen doesn't re-scale accordingly, so in effect you're stuck with a (quite reasonable) 640 x 256 screen.

I haven't got to grips with the whole thing yet, but going by the demo tunes and the synth section, it has plenty of potential for anyone who is fed up of the normal constraints of tracker programming. It won't turn your Amiga into a Roland JD-800, but it's the best combination of sample and synthesis to ever grace the Amiga.

The shareware version allows saving of your own modules and instruments, but you should register if you find yourself using it on a regular basis.

Available from: Aminet 9 CD-ROM. Check the adverts in this issue for the best price and deal.

AudioLab 16



This one has seen plenty of service on my Amiga over the last couple of months. It's one of those ever so modern modular-designed programs that performs all kinds of useful audio feats, with ample support for many 16-bit and 8-bit audio formats.

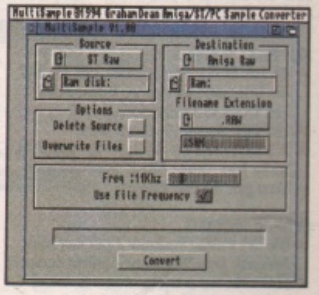
Most of the functions are disabled in the shareware release, but it does allow you to take the raw 16-bit sample data from audio CDs and save it straight out to disk (in other words you can perform a direct digital-to-digital copy from any audio CD). You'll need a CD-ROM drive that can transmit CD audio data across the SCSI bus, such as those currently sold by HiSoft and the forthcoming Q-Drive from Amiga Technologies.

Sample data from audio CDs can be automatically converted to 8 bits as it's saved, or just spooled out in full 16 bit bandwidth. This is generally the better option, as the sample volume can then be maximised using an editor (such as *Aura, OctaMED 6, MultiSample* etc) and then converted to 8 bits for use in your tracker. If you've got a 16-bit replay system on your Amiga then so much the better! The results are the cleanest samples you can possibly get from CDs.

The disabled features include a sample editor, signal generator and plenty more. There's stacks of support for 16-bit sound formats. Watch this space for a review of the fully registered version.

Available from: Aminet Set 2 CD-ROM Pack. Check the adverts in this issue for the best price and deal.

MultiSample



This is a sample converter, plain and simple. Those poor deluded souls who use PCs for music normally exchange samples in WAV and VOC format, slightly different to the Amiga's native IFF 8SVX format. MultiSample uses a neat little GUI interface from which you select your source and destination sample files, along with their formats and the required sample frequency. The supported formats are Amiga 8SVX (IFF), Amiga RAW, ST RAW and PC WAV. PC VOC and the 16-bit AIFF formats are absent, but they may be added with time. That's about it really!

Available from: Aminet 9 CD-ROM. Check the adverts in this issue for the best price and deal.

Back Issues

NOVEMBER 1995

- ON THE DISKS: AudioMaster IV full program, Virtual Karting demo, CD-ROM edition-Aminet 7 and more.
- FEATURES: CD-ROM definitive guide to drives and disks.
- INSIDE:Cinema 4D, Mac™ Emulation, Final Writer 4, Pinball Mania, Fears and Citadel.

DECEMBER 1995

- ON THE DISKS: Exclusive Worms demo, Amiga E full program plus free Amiga E manual
- FEATURES: Programming, Amiga music, interview with Ruth Lingford, animator.
- INSIDE: Leading Lap, Worms, Flight of the Amazon Queen, Coala, Dungeon Master II, FinalCalc and Amiga M1438S Monitor.

JANUARY1996

- ON THE DISKS: Imagine 3.0 full program, Zeewolf 2 & Algomusic
- FEATURES: 3D rendering using our cover disk, and leading Amiga authorities interviewed.
- INSIDE: MiconiK Tower, World Construction Set, Amilink, Zeewolf 2, SWOS 95/96, Super Tennis Champions and much more.

FEBRUARY1996

- ON THE DISKS: TextureStudio plus Imagine objects, DVerb, Mandel 92, Bluff Titler, Amiga E source code, Xtreme Racing.
- FEATURES: Serial linking explained, portable Amiga prototypes and the first Net Wedding.
- INSIDE: DiskMagic, HiSoft CD-ROM, Virtual i glasses, Speris Legacy and much more.

NOVEMBER 1994
-SOLD OUT

DECEMBER 1994
-SOLD OUT

JANUARY 1995
-SOLD OUT

FEBRUARY 1995
-SOLD OUT

MARCH 1995
-SOLD OUT

APRIL 1995

- ON THE DISKS: MovieSetter, clip art and Fifa International Soccer demo. PLUS free MovieSetter manual.
- FEATURE: Animation made easy.
- INSIDE: Power CD-ROM, PD Special, ATR, Turbo Trax, Dawn Patrol, Super League Manager, Baldies preview.

MAY 1995

- ON THE DISKS: ProDraw 3 (all non AGA Amigas), OctaMED 6 and Baldies demos.
- FEATURE: Ten printers reviewed, rated and recommended.
- INSIDE: ECTS report, Brutal Preview, DPaint, Personal Paint, Photogenics and Brilliance compared.

JUNE 1995

- ON THE DISKS: Image FX 1.5 (all Amigas with 2Mb), USM demo.
- FEATURE: Image processing explained
- INSIDE: RAM speed test: Blizzard 1230 III, Siren Apollo, Octamed 6 reviewed, Primal Rage, Sensible Golf previewed.

JULY 1995

- ON THE DISKS: Adorage 2.0, Power-basev3.4, Arcade Snoofer-full game.
- FEATURE: Step by step guide to the Net.
- INSIDE: First report from Germany on Escom, LightWave 4 previewed, Cinema 4D, Scala MM400, Virocop and TM2 reviewed.

AUGUST 1995

- ON THE DISKS: Clarissa 2.0 and exclusive demo of Cammy Vs Honda in SSF II.
- FEATURE: Trouble shooting on your Amiga
- INSIDE: DPaint 5 review, A look at the new A400/060 with CyberVision graphics, Games include Colonization, Sensible Golf, Time Keepers, Player Manager 2.

SEPTEMBER 1995

- ON THE DISKS: OctaMED 5.04, Speris Legacy, Time Keepers.
- FEATURE: Sex and computers: we take an indepth look at how much there is and what people think about it.
- INSIDE: Alien Breed 3D , Gloom, SSFII, Brutal, ViroCop A500, Base Jumpers CD32.

OCTOBER 1995

- ON THE DISKS: Pagestream 2.2, Exclusive Fears and Citadel demo.
- FEATURES: Using your PageStream cover disk for DTP, Storage: HD's floppies and CD-ROMs, Head To Head Gaming.
- INSIDE:Odyssey, Real 3D v3, PageStream 3.0i and a towering multimedia station reviewed.

BACK ISSUES ORDER FORM

Complete this form and send it with your payment to: CU Amiga Magazine Back Issues, Tower Publishing, Tower House, Sovereign Park, Lathill St, Market Harborough, Leics LE16 1EF.

Rates: UK: £5.99 Europe and rest of world: £6.50. Except for November 1995 CD-ROM edition: UK £6.99 Europe and rest of world: £7.50
All prices include postage and packing. Disks are included with all orders.

Please rush me the following back issue(s) of CU Amiga Magazine:

Quantity **Issue**

.....

.....

.....

Total amount £ .....

Method of payment (please tick)

❑ I enclose a cheque made payable to EMAP Images Ltd.

❑ Please debit my .....card. (Visa, Amex, Access, Diners Club cards accepted)

Access/Visa number ..... Expires...../.....

Signature..... Date .....

Name .....

Address .....

.....

.....Postcode .....

Telephone number .....

Please allow 28 days for fulfilment upon receipt of request. Back issues subject to availability.

POSTAGE & PACKING
UK -INCLUDED
EUROPE - £ 2.00
REST OF WORLD- £ 3.50

Premier Mail Order

TEL : 01268 271172
FAX : 01268 271173

Please Send Cheques/POs Made out to Premier Mail Order or
Access/Visa/(Switch + Issue No) & Expiry Date to:
Dept:CU03 9-10 THE CAPRICORN CENTRE, CRANES FARM ROAD, BASILDON, ESSEX SS14 3JJ
Mon-Fri 9am-7pm Sat&Sun 10am-4pm. Please note: Some titles may not be released at the time of going to press.
Most titles are despatched same day, but can take up to 28 days. VAT is included on all titles. E&OE

	500	1200	CD
688 Attack Sub	10.99	------	------
3D Tank Killer	12.99	------	------
A320 Approach Trainer	26.99	------	------
Acid Attack Compilation - Guardian,Roadkill, Super Skidmarks	------	19.99	19.99
ACID BLITZ COMPILER	29.99	------	------
Addams Family	8.99	------	------
Adventures of Robin Hood	12.99	------	------
Air Bucks 1.2	12.99	12.99	------
Aladdin	------	19.99	------
ALIEN BREED 3D	------	22.99	22.99
Alien Olympics	19.99	------	19.99
All Terrain Racer	19.99	19.99	19.99
Andre Agassi Tennis	19.99	19.99	19.99
Another World	12.99	------	------
Apidya	8.99	------	------
Arabian Knights	8.99	9.99	12.99
Arcade Pool	8.99	------	12.99
Archer Macleans Pool	10.99	------	------
Assophy	------	19.99	19.99
Award Winners 2	19.99	------	------
B 17 Flying Fortress	12.99	------	------
Baal	19.99	19.99	19.99
Banshee	7.99	------	19.99
Base Jumpers	9.99	------	9.99
Battlechess	------	------	19.99
Battle Isle '93	17.99	------	------
Battlehawks 1942	12.99	------	------
Behind The Iron Gate	16.99	------	------
Beneath A Steel Sky	20.99	------	19.99
Benefactor	17.99	------	17.99
Big Sea	19.99	------	------
Birds of Prey	12.99	------	------
Black Crypt	10.99	------	------
Blastor	17.99	------	------
Bloodnet	A500+	19.99	26.99
Blitz Bombers	------	19.99	19.99
Blitz Terriers	19.99	------	------
Blue Angels	8.99	------	------
Body Blows Galactic	------	22.99	------
Bravo Romeo Delta	8.99	------	------
Breach 3	22.99	------	------
BREATHLESS	------	26.99	------
Brian The Lion	19.99	17.99	17.99
Brutal Paws of Fury	19.99	19.99	19.99
Brutal Football	------	13.99	19.99
Bubba n Stix	4.99	------	4.99
Bubba n Stix & Premier	------	------	13.99
Bubble Bobble	6.99	------	------
Bubble & Squeak	17.99	19.99	19.99
Budokan	10.99	------	------
BURNTIME	17.99	17.99	------
Campaign 2	12.99	------	------
Cadaver/Pay Off	12.99	------	------
Cannon Fodder 2	19.99	------	------
CANNON FODDER	12.99	------	19.99
Cardiaxx	8.99	------	------
Carrier Command	4.99	------	------
Caesar Deluxe	12.99	------	------
CHAMPIONSHIP MANAGER 2	19.99	------	------
Champ Manager End Of Season	11.99	------	------
Champ Manager Compendium	17.99	------	4.99
Chuck Rock	4.99	------	4.99
Chuck Rock 2	4.99	------	4.99
Chuck Rock 1 & 2	------	------	13.99
CIVILISATION	12.99	12.99	------
Classic Board Games	8.99	------	------
CLASSIC COLL - DELPHINE	16.99	------	------
CLASSIC COLL - LUCAS ARTS	------	19.99	------
ClockWiser	9.99	9.99	9.99
Club Football	9.99	9.99	------
COALA	------	19.99	------
Cohort 2	19.99	------	------
Colonels Bequest	10.99	------	------
COLONISATION	22.99	------	------
Combat Classics 1	19.99	------	------
Combat Classics 2	19.99	------	------
Combat Classics 3	22.99	------	------
Complete Chess	22.99	------	------
Core A1200 Bundle - Skeleton Krew, Banshee, Heimdall 2	------	19.99	------
Core CD32 Bundle 1 - Banshee,Heimdall 2, Universe, Skeleton Krew	------	------	22.99
Core CD32 Bundle 2 - Bubba n Stix, Premier, Chuck Rock 1+2	------	------	16.99
Corporation	4.99	------	------
Cosmic Spacehead	17.99	------	------
Covergirl Poker	12.99	------	------
Craft for AMOS	17.99	------	------
Crash Dummies	17.99	------	------
Cruise For A Corpse	17.99	------	------
Curse of Enchantia	12.99	------	------
Cybercon 3	10.99	------	------
Cyberspace	22.99	------	------
D Generation	12.99	------	17.99
D Thompson's Olympic Chall	8.99	------	------
Dark Seed	12.99	------	19.99
Dawn Patrol	22.99	22.99	------
Deluxe Paint V	59.99	------	------
DELUXE VIDEO 3	66.99	------	------
Detroit	22.99	22.99	------
Demonmaniac	17.99	------	------
Desert Strike	12.99	------	------
Disposable Hero	7.99	------	12.99
Dizzy the Big 6	------	------	12.99
Dogfight	12.99	------	------
Dragonstone	4.99	19.99	4.99
Dreamweb	22.99	22.99	------
DUNE 1 OR 2	12.99	------	------
DUNGEON MASTER 2	------	22.99	------
Elfmania	17.99	------	------
Elite +	12.99	------	------
Elite 2 - Frontier	19.99	------	19.99
Embryo	17.99	------	17.99
Emerald Mines	------	------	12.99
Empire Soccer '94	9.99	------	------
Epic	12.99	------	------
European Champions	10.99	------	------
Evasive Action	19.99	------	19.99
EXILE	9.99	19.99	19.99
Exterminator	17.99	------	------
Extractors	------	------	19.99
Extreme Racing	------	19.99	19.99
Eye Of The Beholder 1 or 2	12.99	------	------
FORMULA ONE GRAND PRIX	12.99	------	------
F1	7.99	------	------
F1 World Champ Edition...A500+	19.99	------	------
F15 Strike Eagle 2	12.99	------	------
F17 Challenge	10.99	------	------
F19 Stealth Fighter	11.99	------	------
F117A Stealthfighter	10.99	------	------
F29	10.99	------	------
Fantasy Manager	8.99	------	------
FEARS	------	19.99	19.99
Fields Of Glory	12.99	12.99	12.99
FIFA Soccer	19.99	------	------
Final Over	10.99	------	12.99
Fire Force	------	------	19.99
Flashback	12.99	------	------
F Sim 2 Japan Scenery	13.99	------	------
F Sim 2 Hawaiian Scenery	13.99	------	------
Football Glory Indoors	17.99	17.99	------
FOOTBALL STATISTICIAN PRO	26.99	------	------
Future Wars	10.99	------	------
Gamer Gold Collection - Bump N Burn + Jetstrike + Nick Faldos Golf	------	------	19.99
Gearworks	7.99	------	------
Global Effect	------	------	8.99
GLOOM	------	19.99	19.99
Gloom Data Disk	------	12.99	------
Gloom 2	------	------	19.99
Gloom Deluxe	19.99	------	------
G Gooch-Second Innings	11.99	------	------
G Gooch-Test Match Special	19.99	------	------
G GOOCH-WORLD CLASS CRICKET	9.99	------	------
G Gooch - 94/95 Data Disk	4.99	------	------
G Gooch - Battle for the Ashes	4.99	------	------
GROLIERS ENCYCLOPEDIA	------	------	22.99
Gremlin Four Pack - Lotus,Premier Manager 2, Space Crusade,Zool 2	13.99	------	------
Guardian	------	9.99	9.99
Guiness Disc of Records	------	------	16.99
Gunship	10.99	------	------
GUNSHIP 2000	12.99	24.99	22.99
Hanna Barbera Animation	29.99	------	------
Hard Nova	8.99	------	------
Heart of China	12.99	------	------
Heimdall	4.99	------	------
Heimdall 2	4.99	7.99	22.99
Help! Compilation - Dune 2,Pinball Dreams,Pro Tennis Tour,F1 Racing,Leaderboard,The Humans, Sherlock Holmes,Pushover, Prince Of Persia	17.99	------	------
High Seas Trader	------	22.99	------
History Line 1914-18	12.99	------	------
Hits for Six - Vol 1 - Chicago 90 + F19 + Titus the Fox + Star Goose + Grand Prix Master	9.99	------	------
Hits for Six - Vol 2 - F15 2 + Hardball Blues Brothers + Hammer Boy + Eye of Horus + Highway Patrol 2 + Hotshot	9.99	------	------
Hits for Six - Vol 3 - Crazy Cars 3 + Gunship + Mega Phoenix + Airball + Archipelagos + Star Ray	9.99	------	------
Hits for Six - Vol 6 - Silent Service 2 + 3D World Tennis + World Cricket + G Souness Soccer + Stormlord	9.99	------	------
Hits for Six - Vol 7 - Special Forces + 3D World Boxing + Blade Warrior + Windsurf Willy + Nebulous	9.99	------	------
Hits for Six - Vol 8 - Railroad Tycoon + Int Tennis + WC Football Manager + Netherworld + Big Game Fishing	------	9.99	------
Hook	8.99	------	------
Hot Pie (Over 18 Only)	------	------	9.99
Hoyles Book of Games 1 or 2 or 3	10.99	------	------
Hudson Hawk	6.99	------	19.99
Humans 1& 2	------	------	------
Humanoid	10.99	------	------
Impossible Mission 2025	22.99	24.99	22.99
Indy Jones - Atlantis Adv	12.99	------	------
Indianapolis 500	10.99	------	------
Insight Dinosaurs	------	------	14.99
Insight Strategy Games	19.99	------	------
International One Day Cricket	9.99	------	------
IntOS -AMOS	16.99	------	------
ITS Cricket	18.99	------	------
James Pond 3	------	------	8.99
J Nicklaus Greatest 18	6.99	------	------
Jaguar XJ220	4.99	------	------
Jimmy White's Snooker	12.99	------	------
John Madden Football	10.99	------	------
Jungle Strike	12.99	21.99	21.99
Kgb	12.99	------	------
Kick Off 3 European Challenge	16.99	19.99	------
Kid Chaos	19.99	19.99	21.99
Kingpin	10.99	12.99	12.99
Kings Quest 1, 2, 3, 4 or 5	8.99	------	9.99
Kings Quest 6	22.99	------	------
Knights Of The Sky	10.99	------	------
Last Ninja 3	------	------	9.99
Leading Lap	19.99	19.99	------
Legends of Valour	19.99	------	------
Leisure Suit Larry 1 or 2 or 3	12.99	------	------
Lemmings 1	------	------	19.99
LEMMINGS 3	------	19.99	------
Links - The Challenge	12.99	------	------
Lion King	------	19.99	------
Lombard RAC Rally	6.99	------	------
Loom	12.99	------	------
Lords of the Realm	22.99	22.99	------
Lotus Trilogy	------	------	9.99
Lure Of The Temptress	12.99	------	------
M1 Tank Platoon	12.99	------	------
Manhunter "New York"	12.99	------	------
Manhunter "San Francisco"	12.99	------	------
Man Utd - The Double	19.99	------	------
Marvens Marvellous Adv	------	19.99	19.99
Master Axe	19.99	19.99	19.99
Megarace	------	------	22.99
Megatraveller 1 or 2	12.99	------	------
Messengers Of Doom	19.99	------	------
MICROPROSE GOLF	12.99	------	------
Microlight Warriors	------	19.99	19.99
Midwinter	10.99	------	------
Midwinter 2	12.99	------	------
Mighty Max	17.99	19.99	------
Military Masterpieces	19.99	------	------
MJ Office	35.99	------	------
MONKEY ISLAND 1 OR 2	12.99	------	------
Moonbase	34.99	------	------
Morph	------	7.99	8.99
Mr. Blobby	13.99	------	13.99
Mr. Nutz	17.99	------	------
Music X 2.0	27.99	------	------
MULTI MEDIA EXPERIENCE	24.99	------	------
Mutant League Hockey	17.99	17.99	------
Napoleonics	12.99	------	------
Navy Moves	6.99	------	------
New Zealand Story	6.99	------	------
Nigel Mansells W/Champ	8.99	------	19.99
Nightbreed	6.99	------	------
Odyssey	17.99	------	------
One Day Cricket	8.99	------	------
ON THE BALL-WORLD CUP EDITION	------	9.99	9.99
On The Ball-League Edition	19.99	22.99	------
Operation Harrier	8.99	------	------
Operation Stealth	11.99	------	------
Oriental Games	8.99	------	------
Outrun Europa	8.99	------	------
Overdrive	8.99	------	------
Overlord	22.99	------	------
Patrician	22.99	------	------
PGA European Tour	19.99	21.99	21.99
PGA Tour Golf	12.99	------	------
Pinball Dreams & Fantasies	22.99	------	------
Pinball Fantasies	------	19.99	24.99
Pinball Illusions	------	19.99	19.99
PINBALL MANIA	------	19.99	------
Pinball Magic	6.99	------	------
Pirates	10.99	------	------
Pirates Gold	------	------	22.99
Pinkie	17.99	------	19.99
Player Manager 2	13.99	------	------
PLAYER MANAGER 2 EXTRA	------	13.99	------
Pole Position	19.99	19.99	------
Police Quest 1 or 2 or 3	12.99	------	------
Populous & Promised Lands	12.99	------	------
Populous 2	12.99	------	------
POWERBASE V3.5(DATABASE)	12.99	------	------
Powerdrive	19.99	19.99	19.99
Powerhouse	22.99	22.99	------
Powermonger & D/Disk	12.99	------	------
Premiere	4.99	------	12.99
PREMIER MANAGER 3	12.99	------	------
Prem Man Multi Edit Sys	10.99	------	------
Prime Mover	17.99	------	------
PRIMAL RAGE	19.99	------	------
Project X	10.99	------	------
Pro Tennis Tour	6.99	------	------
Pushover	8.99	------	------
Pussies Galore	------	16.99	16.99
Putty	8.99	------	------
Putty Squad	------	19.99	19.99
Qwak	9.99	------	------
Quest For Glory 1 or 2	12.99	------	------
Rainbow Islands	6.99	------	------
RBI Baseball 2	6.99	------	------
Reach For The Skies	12.99	------	------
Realms	10.99	------	------
Red Baron	12.99	------	------
Rise Of The Robots	17.99	27.99	22.99
Risky Woods	10.99	------	------
Roadkill	------	9.99	9.99
Road Rash	10.99	------	------
Robocop 3	10.99	------	------
Robinson's Requiem (A500+)	22.99	22.99	22.99
Rome AD92	12.99	------	------
Rugby League Coach	19.99	------	------
Ruff n Tumble	17.99	------	------
Ruffian	19.99	------	------
SENSIBLE GOLF	19.99	------	------
SENSIBLE WORLD OF SOCCER 95/96	16.99	------	------
Settlers	19.99	------	------
Shaq Fu	19.99	21.99	------
Shuttle + S/Flight Sim	12.99	------	------
Sierra Soccer	16.99	------	------
Sim City 2000	------	26.99	------
Sim Life	10.99	22.99	------
Simpsons	8.99	------	------
Skeleton Krew	------	7.99	4.99
Skidmarks	12.99	------	------
SKIDMARKS 2	19.99	------	19.99
Skidmarks 2 Data Disks	12.99	------	------
Skitchin	17.99	17.99	17.99
Sleepwalker	19.99	19.99	19.99
Soccer Kid	9.99	9.99	19.99
Soccer Team Manager	10.99	------	------
Space Academy	19.99	------	17.99
Space Quest 1 or 2 or 3 or 4	12.99	------	------
Speedball 2	19.99	------	12.99
Sports Legends	19.99	------	19.99
Spherical Worlds	17.99	------	17.99
Sports Challenge	12.99	------	------
Stardust Special Edition	9.99	------	------
Star Crusader	19.99	19.99	------
Star Fighter	------	19.99	------
Street Fighter 2	12.99	------	------
Strike Fleet	10.99	------	------
STRIP POT	------	------	9.99
Stunt Car Racer	5.99	------	------
Suburban Commando	7.99	------	------
Subversion	8.99	------	------
SUBWAR 2050	------	12.99	22.99
Super League Manager	19.99	19.99	19.99
Super Stardust	------	22.99	22.99
Super Streetfighter 2	20.99	20.99	20.99
Super Tennis Champ	17.99	------	------
Superfrog	------	------	12.99
Superskidmarks	19.99	------	19.99
Supremacy	10.99	------	------
Syndicate	12.99	------	------
Tactical Manager - English or Scots	19.99	------	------
TACTICAL MANAGER 2	19.99	------	------
Team Yankee	12.99	------	------
Test Match Cricket	7.99	------	------
Terminator 2	6.99	------	------
The Big 6 - Dizzy	------	------	12.99
The Clue	------	19.99	19.99
The Games	10.99	------	------
The Greatest - Compilation	22.99	------	------
The Publisher	22.99	------	------
Their Finest Hour	12.99	------	------
THEME PARK	22.99	22.99	22.99
Thunderhawk	4.99	------	------
Tiny Troops	22.99	------	19.99
Top 100 Games	------	------	9.99
Top Gear 2	17.99	17.99	19.99
Torvak	4.99	------	------
Total Football	22.99	------	------
Touring Car Challenge	12.99	------	------
Tower Assault	13.99	13.99	22.99
Tower of Souls	19.99	19.99	------
Traps & Treasures	17.99	------	17.99
Treble Champions 2	7.99	------	------
Triple Action - Vol 6 - Super Tetris + Airball + Time Bandit	9.99	------	------
Turbo Trax	19.99	------	------
Turning Points	12.99	------	22.99
U.F.O	12.99	12.99	22.99
Ultimate Body Blows	------	------	22.99
Ultimate Golf	8.99	------	------
Ultimate Soccer Manager	19.99	19.99	------
Uncovered	17.99	------	------
Universe	22.99	------	22.99
Vocopo	17.99	17.99	------
VIRTUAL KARTING	------	19.99	------
Vital Light	19.99	------	19.99
Watch Tower	------	19.99	------
Wheel Spin	------	19.99	------
Wild Cup Soccer	17.99	17.99	8.99
Wing Commander	12.99	------	------
Winter Gold	12.99	------	------
Wizkid	10.99	------	------
Wolfchild	4.99	------	------
World Class Leaderboard	10.99	------	------
World Cup Golf	------	------	29.99
World Cup USA '94	17.99	------	------
WORLD CUP YEAR '94	19.99	------	------
World Of Clipart	------	------	9.99
World Of Games	------	------	9.99
World Of GIF	------	------	9.99
World Of Pinups Vol 1	------	------	9.99
World Of Pinups Vol 2	------	------	12.99
World Of Photo	------	------	9.99
World Of Sound	------	------	9.99
World Of Video	------	------	9.99
World of Football	19.99	------	------
World of Golf	17.99	------	------
World of Soccer	7.99	------	------
Worlds at War	12.99	------	------
Worlds of Legend	12.99	------	------
WORMS	19.99	------	19.99
Wreckers	19.99	------	------
WWF 1 or 2	8.99	------	------
X-IT - Zonked	16.99	------	------
XP 8	------	19.99	------
Z-Out	6.99	------	------
ZEE WOLF 2 - WILD JUSTICE	25.99	------	------

SPECIAL OFFERS

	500	1200	CD
Alfred Chicken	------	------	12.99
BattleToads	------	------	12.99
Beavers	------	------	12.99
Body Blows	12.99	12.99	------
Chaos Engine	9.99	------	9.99
ClockWiser	9.99	9.99	9.99
Cool World	8.99	------	------
Crystal Dragon	9.99	------	------
Dennis	------	------	12.99
Disposable Hero	7.99	------	------
Fly Harder	------	------	12.99
Football Glory	8.99	8.99	------
Garden Fax - Fruits + Veg	------	------	12.99
Garden Fax - Garden Plants	------	------	12.99
Garden Fax - Indoor Plants	------	------	12.99
Garden Fax - Trees + Shrubs	------	------	12.99
Humans 1+2	------	------	12.99
Jack Nicklaus Unlimited	12.99	------	------
J Nicklaus Designer Clip Art	7.99	------	------
Jetstrike	9.99	9.99	9.99
Last Ninja 3	------	------	9.99
Mean Arenas	------	------	12.99
MICROPROSE GOLF	12.99	------	------
Morph	------	7.99	------
Myth	------	------	12.99
Naughty Ones	------	------	12.99
Out To Lunch	------	------	12.99
Powergames	------	------	12.99
Sabre Team	------	------	12.99
Sensible Soccer 92/93	12.99	------	------
Sensible Soccer International	------	------	12.99
Shadowfighter	9.99	9.99	------
SIMON THE SORCEROR 1	12.99	12.99	12.99
Steve Davis Snooker	4.99	------	------
Syndicate	12.99	------	22.99
Tornado	9.99	9.99	------
Total Carnage	------	------	12.99
Vikings	8.99	------	------
WEMBLEY INTERNATIONAL SOCCER	------	7.99	7.99
Wembley Rugby League	7.99	------	------
World Class Rugby 95	9.99	------	------
Zool	8.99	------	8.99
Zool 2	8.99	------	8.99

EDUCATIONAL

	500	1200	CD
All Dogs Go To Heaven	7.99	------	------
ADI GCSE French	22.99	------	------
ADI Junior Counting (4-5) or (6-7)	13.99	------	------
Better Spelling (8-10)	13.99	------	------
Better Maths (12-16)	13.99	------	------
Cave Maze (8-12)	10.99	------	------
Classic Board Game - Chess,Backgammon,Draughts	4.99	------	------
Fraction Goblins (8-13)	10.99	------	------
Gazza 2	7.99	------	------
Groliers Encyclopedia	------	------	22.99
INSIGHT DINOSAURS	------	------	14.99
Junior Typist (5-10)	10.99	------	------
Kid Pix	10.99	------	------
Magic Maths (4-5)	13.99	------	------
Maths Dragons (6-13)	13.99	------	------
Maths Mania (8-12)	13.99	------	------
Noddy's P/Time or Big Adv (3+)	16.99	------	------
Picture Fractions (7-10)	10.99	------	------
Reasoning With Trolls (5-12)	10.99	------	------
Tidy The House (6-10)	10.99	------	------

JUNIOR ADVENTURES

	500	1200	CD
Robin Hood (8+)	13.99	------	------
Scrooge - Xmas Carol (8+)	13.99	------	------
The Three Bears (5-10)	13.99	------	------
Wind In The Willows (6+)	13.99	------	------
Wizard Of Oz	13.99	------	------

JOYSTICKS & ACCESSORIES

AAR = ANALOG ADAPTER REQUIRED

10 Capacity 3.5" Disk Box	1.99
50 Capacity 3.5" Disk Box	5.99
100 Capacity 3.5" Disk Box	7.99
4 Player Joystick Adapter	4.99
AMITEK FUSION GENLOCK	94.99
Analog Joystick Adaptor	4.99
Automatic Joystick/Mouse Splitter	14.99
CH FLIGHTSTICK (ANALOG) (AAR)	29.99
Cheetah 125+	7.99
Cheetah Bug	11.99
Competition Pro Joypad for CD32	13.99
External 880K Floppy Drive	59.99
Freewheel Steering Wheel	12.99
Gravis Analog Joystick (AAR)	29.99
GRAVIS ANALOG PRO JOYSTICK (AAR)	54.99
Gravis Adv Switch Joystick	22.99
Gravis Gamepad	14.99
Internal 880K Floppy Drive A500	47.99
INTERNAL 880K FLOPPY DRIVE A600/A1200	49.99
Mouse	10.99
Mousehouse	1.99
Mousemat	2.99
Joystick/Mouse Extension Cable	6.99
Joystick Y Splitter	4.99
Logic 3 Delta Ray Autofire JY156	10.99
Logic 3 Quatro GT Autofire JT155	10.99
Logic 3 Quatro JT154	8.99
POWER SUPPLY UNIT	39.99
Quickjoy Hyperpad	8.99
Quickjoy Pedals	9.99
Quickjoy II Turbo	10.99
Saitek Megagrip 2 Autofire MX220	10.99
Saitek Megagrip 7 MX737 (Analog) (AAR)	13.99
Screenbeat 3 Speakers SB203	12.99
Screenbeat 4 Speakers SB204	11.99
Screenbeat 5 Speakers SB205	11.99
Screenbeat Pro 50 Speakers SB250	32.99
Screenbeat RCA Adapter Cable	1.99
Screenbeat Power Supply	7.99
SIMM 4 MEG EXPANSION - 70 NS	119.99
SIMM 8 MEG EXPANSION - 70 NS	239.99
SIMM 16 MEG EXPANSION - 70 NS	445.99
Suncom Analog Edge II (Analog) (AAR)	14.99
Suncom Flight Max (Analog) (AAR)	27.99
Suncom FX2000 (Left & Right Handed)(AAR)	17.99
Thrustmaster XL Joystick (AAR)	27.99
SX-1 CD32	189.99
Wico Q Stick	4.99

3.5" Blank Discs

	TDK Low	TDK High	Precision Low	Precision High	Unbranded Low	Unbranded High
10	5.99	6.99	3.99	5.99	3.50	4.99
20	11.50	13.50	7.50	11.50	6.50	9.50
50	27.50	32.50	17.50	27.50	16.25	22.50
100	52.50	62.50	32.50	52.50	29.99	42.50

RECYCLED DS/DD Low Density
10 @ 2.99 20 @ 5.50 50 @ 12.50 100 @ 22.50

PD & Shareware

BUSINESS

B001 A-Gene (1 meg) 1.25
B002 Business Card Maker 1.25
B003 Database Master 1.25
B004 Ami Cash 1.25
B005 Amibase Prof 1.25
B006 600 Business Letters 1.25
B007 Text Engine 1.25
B008 PC Task 1.25
B011 A-Gragh 1.25
B013 Analytic ALC 2.50
B015 Stock Analyst 1.25
B016 Little Office 1.25
B017 Budgets V1.34 1.25

EDUCATIONAL

E002 The Bible (4 Disks) 4.99
E003 World Databank 1.25
E004 GCSE Maths 1.25
E006 Total Concepts 1.25
E007 Bank Talk 1.25
E008 Dunks DTP 1.25
E009 Colour The Alphabet 1.25
E010 The Highway Code 1.25
E011 Junior Maths 1.25
E012 Electronic Train Set (1 MEG) 1.25
E013 Learn & Play 1 1.25
E014 Learn & Play 2 1.25
E015 Treasure Hunt 1.25
E016 Wrathed One 1.25
E017 Story Land 1.25
E018 Wotitsname 1.25

CREATIVE

C003 Label Maker 1.25
C004 Super Fonts 1.25
C005 Deluxe Paint Tutor 1.25
C006 Shadow Demo Maker 1.25
C007 Clip Art 1.25
C009 Ultimate Labels 1.25
C011 Word Power 1.25
C012 Banner Maker 1.25
C013 Wine Maker 1.25
C014 Assassins 1.25
C016 Garden Designer 1.25
C017 X Beat 1.25

UTILITIES

U003 The Workshop 1.25
U006 Address Book 1.25
U008 Asteroid 1.25
U010 Autograph 1.25
U013 The Right Way 1.25
U014 Panasonic Printer Driver 1.25
U015 H.P. Printer Driver 1.25
U016 Seikosha Printer Driver 1.25
U017 Cannon & Citizen Printer Driver 1.25
U020 Bad Format 1.25
U021 Amiga Beginners Guide 1.25
U022 Battle Bench V1.2 1.25
U023 De-grader 500 600 1200 1.25
U024 Extermin-8 Virus Killer 1.25
U027 Fake Memory for a 1200 1.25
U028 Action Replay For The 600 1.25
U029 Amiga Tutorial 1.25
U030 M.E.S Database 1.25
U035 Text Plus v4.00 1.25
U037 Ultimate Cheats And Solutions 1.25
U038 Number Pad For 600 1.25
U039 Calorie Base 1.25
U040 J.R Comm 1.25
U041 Race Raptor 1.25
U042 Pools Pools V2 1.25
U043 Training Log 1.25
U044 Mastie Niblick 1.25
U045 D-Solve 1.25
U046 Lockpic V1.0 1.25
U047 Relo Kick v1.4 1.25
U048

The Golden Joystick Awards 1996

Every year EMAP's Golden Joystick Awards are seen by the games industry as the most important accolades a company or its games can get. This is because they are voted for by you the readers, the people who buy their games (or don't because they are crud!). This is your opportunity to tell us what you actually bought and liked during 1995 and who you think should be rewarded for their efforts by a prestigious Golden Joystick.

Don't forget!

Please take the time to fill in the form on the right and send it to us. The encouragement you give companies and developers by letting them know you enjoyed their games will show the continuing size and strength of the Amiga market. Don't let it down! The Golden joysticks ceremony will be held in May 1996 and we'll have a report about who got what in which category in the July issue.

The Form

Please fill out this form, listing your entry in each of the seven categories below, then send it (or a photocopy of it) to the address at the bottom.

Category 1: Best Licenced Computer Game
Best arcade or film licence. Not a difficult choice since there were only two.

Category 2: Best Original Computer Game
Not SWOS 95/96, OK? It may have been original three years ago but not now. Remember, ORIGINAL is the key word.

Category 3: Computer Game of the Year
Your nomination for the game that beats the rest. Can be original, can be new, can be a sequel, but it must be from 1995/1996.

CATEGORY 4: Best Computer Game Developer
Your chance to name a development team or programmer worth their salt. Whose games most tickled your fancy in the last year?

CATEGORY 5: Best Technical Innovation In Games
What really, really stood out this year? What revolutionised the way games were done? Come on, get your thinking caps on.

CATEGORY 6: Software House Of The Year
A name is what we're looking for. A publisher that has supplied you with the most enjoyable games this year.

CATEGORY 7: Games Developer/Publisher most dedicated to Amiga
With so many turncoats around here's your chance to reward the company you feel has been most loyal.

Once you've filled out this form post it to: Joysticks 1996, CU Amiga Magazine, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU. Please send it to arrive no later than 31 March 1996. Thanks, and remember ... your opinion counts.

Subscribe to CU AMIGA NOW!

Normal retail price £54.00 ... You save £18!*

GET 12 ISSUES FOR THE PRICE OF EIGHT! SAVE £18.00!*

HOW TO ORDER

Tick which box applies to you on the form opposite, then fill in the rest of the form and send it along with payment to: CU Amiga Magazine subscriptions department, EMAP Consumer Magazines, FREEPOST (LE5981) Leicester LE87 4AB. (Free postage within the UK only)

Or call the subscriptions Hotline on 01858 468888

(9.00am to 5.30pm)

*12 FOR 8 OFFER OPEN TO UK RESIDENTS ONLY

CU AMIGA SUBSCRIPTION ORDER FORM

Please enter my subscription to CU Amiga Magazine.
Please tick/delete as required.

RATES - 12 issues including postage

- ❑ **£36.00 UK 12 ISSUES FOR PRICE OF EIGHT (*UK only, offer code: A1o)**
- ❑ **£64.00 REST OF WORLD SURFACE MAIL**
- ❑ **£74.00 EUROPE/EIRE AIR MAIL**
- ❑ **£116 REST OF WORLD AIR MAIL ZONE 1**
- ❑ **£116 REST OF WORLD AIR MAIL ZONE 2**

METHOD OF PAYMENT

❑ Cheque/Postal Order/International Money Order payable to EMAP Images Ltd.

❑ Access/Visa number ..... Expires ...../.....

Signature: .....Date .....

Name: .....

Address: .....

.....Postcode: .....

IMPORTANT: 12 issues for the price of 8 offer available to UK residents only. Please allow 28 days for fulfilment from receipt of order.

❑ Tick this box if you do not wish to receive any direct mail that EMAP Images Ltd feels may be of interest to you.

Offer closes 15th March 1996 Source code:IA1t

Note: Zone 1: Middle East, Africa, USA, South America, Hong Kong, Singapore, Pakistan, Indonesia; Zone 2: Australia, China, Japan, Pacific.

CU Amiga Classifieds

FORTRESS AMIGA PD LIBRARY

OVER 62,000 DISKS AVAILABLE
ALL AT 95p INCLUDING P&P
Send 3*25p stamps For List Disk

Available are FULL SETS of:-
Fred Fish. LSD Legal Tools
Scope Disks Assassins Games
Assassins Utils T/Bag Disks
PLUS
Graphics. Music. Slide Shows.
Games. Clip Art. Fonts, Etc...
Far Too Many To List Them All

Contact:- FORTRESS P.D.
26, SPENCER STREET, KEIGHLEY.
WEST YORKSHIRE. BD21 2BU
Phone:- (01535) 609263

PENGUIN PUBLIC DOMAIN

ART-ANIMATION-MUSIC
PLAYABLE DEMOS - FONTS
GAMES COMPILATIONS
CLIPART-ASSASSINS
MISCELLANEOUS-GAMES
DEMOS-MUSIC UTILITIES
EDUCATION-FUNPACK 1-36
SCOPE 1-220-FRED FISH 1-1000
T-BAG 1-77 - SLIDESHOWS
UTILITIES-HAM RADIO
BUSINESS-JAM 1-10

50P EACH

POST AND PACKING FREE.
RING OR SEND FOR A FREE CATALOGUE
0589 722502

AMIGA
PO BOX 179
READING
BERKSHIRE
RG30 3DD
ENGLAND

CLASSIC AMIGA

P.D Software
Phone for a FREE catalogue disk
0161 723 1638
SHOP OPEN
12-9pm DAILY
CD ROM NOW AVAILABLE
11, DEANSGATE
RADCLIFFE
Manchester

ONLINE PD

FREE 3 DISK CATALOGUE
LISTING 10,000+ PD TITLES
TEL: 01704 834335

FRED FISH 1-1000
ASSASSINS GAME DISKS 1-256
OR SEND SAE

75P PER DISK

Every 10 disks ordered choose 1 FREE

Online Pd, Dept CU3,
1 The Cloisters, Halsall Lane,
Formby, Liverpool L37 3PX

KEW = II SOFTWARE

Est. 1989

THE BEST IN QUALITY PD & SHAREWARE
SUPPLIED ON BRANDED DISKS ONLY!
The LEADER -
OTHERS CAN ONLY FOLLOW!
FREE FRIENDLY HELP BY
POST or PHONE ANYTIME!
FREE CLUB MEMBERSHIP
PICK YOUR OWN PROGRAMS!
BY NAME, NUMBER AND SIZE!
IT'S EASY!
500K makes 1 bootable disk!
800k makes 1 non bootable disk!
CATALOGUE WITH FULL DESCRIPTIONS & INDEX ONLY £1
Phone for the LATEST PROGRAMS!
1-3 disks £1.50, 4 or more ONLY £1.25

P.O BOX 672
South Croydon
Surrey CR2 9YS
Tel: 0181 657 1617

FREE P&P

STORK PD

Tel: 01302 830 720
fast - friendly - efficient
We are here for you, and what we haven't got we will soon get for you!
With disks from as little as 50p why pay more?
Just send 2 first class stamps for our catalogue disk
STORK PD
Dept. CU, 15 Rands Lane,
Armthorpe, Doncaster,
South Yorkshire DN3 3DZ

ARNOLD COMPUTER SUPPLIES

Blank Disks £15.00 per 50 inc. labels
DSHD Disks £22.50 per 50
(Pre-formatted)
PD LIBRARY NOW OPEN!
Please send £1 or 4 1st class stamps for catalogue.
Free local delivery and installation
(10 mile radius)
Many more items stocked.
Please phone or fax for latest prices.
Barry Voce 0115 926 4973
11 Campion Street
Arnold, Nottingham, NG5 8GR

Q. What's plastic, 3.5 inches and costs just 45p?

A. A public domain disk from

NO MERCY SOFTWARE

That's right, 45p per disk from 1-499
(bulk PD prices from 22p each - send for info)
Choose any PD list from any Amiga mag. then order from us, or send £1 or 4x1st class stamps for our catalogue disk and a FREE util or game (please state)
Cheques payable to:

NO MERCY SOFTWARE
3 HILL SIDE, GT. THIRKLEBY, THIRSK,
NORTH YORKSHIRE YO7 2AX
Phone 01845 526412 (between 6-8pm only)
0421 493916 (mobile)

DELTRAX PD(CU)

FREE! FREE! FREE! FREE! FREE!
WRITE, PHONE OR FAX FOR OUR LATEST PUBLIC DOMAIN/SHAREWARE PRINTED CATALOGUE FOR THE AMIGA OR IBM PC
FULL OF TITLES & DESCRIPTIONS.
CHECK OUT OUR COMPETITIVELY PRICED HARDWARE, SOFTWARE & CD ROM PRINTED CATALOGUE FOR AMIGA OR IBM PC - PLEASE STATE WHICH
PHONE/FAX 01492 515981
36 BODELWYDDAN AVE,
OLD COLWYN, COLWYN BAY,
CLWYD LL29 9NP

AMIGAHOLICS PD

THE 100% AMIGA PD LIBRARY, WE STOCK; DEMOS, MUSIC, ANIMS, MUSIC UTILITIES, SLIDESHOWS, GAMES, LSD LEGAL TOOLS, UTILITIES, ASSASSINS GAME DISKS, FRED FISH, FONTS, CLIP-ART AND MUCH MORE.

THIS MONTH'S TOP TEN
MAGIC WORKBENCH 1.3 - Magic W/Bench for any Amiga
CARDZ - Use AGA Klondyke cards on ECS Amigas
SKIDMARKS 2 AGA CARS (2D) - 4 Extra cars for Skidmarks AGA
ARTCORE - Brilliant 3D Art Gallery/Slideshow Demo
JASON ART - Superb hand draw art
'SETTLERS' EDITOR - Have super fishermen, find all the gold etc.
'F1 G.P.' EDITOR - Latest version, '95 teams & frame accelerator
SCORCHED TANKS - Battle against a friend or computer
'DOG COGS' MUSIC DEMO - Great AGA demo (3D)
MYSTIC 'IMPOSSIBLE POSSIBILITY' - 2 Disks AGA demo

SPECIAL P.D. STARTER PACK FOR NEW 'A1200' OWNERS. THE VERY BEST OF P.D. GAMES & UTILITIES ETC. 7 DISKS FOR ONLY £5.00 INCLUDES CAT DISK + P&P

DISKS FROM TOP TEN ONLY 80p EACH INCL. P&P

FREE P & P ON ALL ORDERS
Send cheques, PO's to AMIGAHOLICS PD DEPT. CU 236 CHESTER ROAD NORTH KIDDERMINSTER WORCS DY10 1TE

WE NOW DISTRIBUTE 'INFINITE FRONTIER' PRODUCTS INCL. THE 'FINAL FRONTIER MAG' No.9 AT £6.00 AND ALSO 'HOLODECK' AND 'ILLUSIONS' SLIDESHOWS AT £3.00 EACH (2 DISKS)
SEND 2 X 1ST CLASS STAMPS OR SAE FOR CAT DISK.
CAT DISK INCLUDES GAMES AND MUSIC

PD POWER

WE STOCK OVER 10,000 DISKS
PD FROM ONLY 25p
For FREE CATALOGUE DISK + FREE GAME + FREE COPIER AND MORE
Please SAE to:
PD POWER (DEPT CU)
15 LOVETOT AVENUE
ASTON
SHEFFIELD S31 0BQ

SOFTSELL AMIGA CLUB

FULL PRICE GAMES FOR HIRE
RETURN POSTAGE PAID

Send a stamped SAE for a catalogue
Softsell (CU),
16 Church Street,
Trowbridge, Wilts,
BA14 8DW

PageStream Enhancer Pack

£9.95 3 disks of fonts
3 disks of clip art

Step-By-Step tutorials on installing fonts and clip art written by Larry Hickmott, author of the CU Amiga PageStream Tutorials

P&P £1.50UK / £3 Rest of World * Cheques UK bank or Postal Orders

Image Studio: 90% CU Amiga **£15**

ProDraw Upgrade Pack **£16**
Includes 1200 Upgrade, HD Install & manual

Professional Page 4.1 **£49.95**
2 manuals, 3 issues of Em, 3 disks of fonts, 87% Amiga Shopper

Em Magazine (Amiga DTP) 6 issues £12.96
Published by CU Amiga's & Amiga Shopper's DTP expert, Larry Hickmott.
Subscribe now and get 3 disks of fonts for PageStreamFREE!

Step-by-Step with ProPage £19.99
200 page tutorial book by Larry Hickmott

emc.INFO £9.99 ***Font reference for EMC CDs***

Postage& Packing: UK £2.00 P&P, Europe £4, Rest of the World £5

lh publishing.
13 Gairloch Ave, Bletchley MK2 3DH
Tel:01908 370 230
Fax:01908 640371

1CAT DISK £1 OR FREE WITH EVERY ORDER

FREESTYLE PD

TEL: 01922 710985
TWO FREE DISKS WITH EVERY 10 ORDERED

DISK PRICES
1-20 £1 EACH
21+ 75p EACH
P&P 50p PER ORDER

MAGIC C64 EMULATOR
For Amiga 1200/4000
Complete with over 200 C64 games only £6.00
C64 game disks available separately
See Cat disk for more info

UFO INFO
Finding the truth (3)
Project UFO (6)
Out of space 1,2,3. (3)
Roswell Slides (2)
Paranormal Invest (2)
Aliens Multimedia AGA (9)

PACK MUSIC DISKS
1: Big Chart mix
2: Reach (guitty Bag)
3: Push The feeling on
4: Alvaton
5: The Media megamix
6: Big chart mix 2
7: Nightcrawlers
8: Mr ben 1995 mix
9: Outthere bros megamix
10: The clock megamix

AGA GLAMOUR
PLEASE STATE OVER 18
Claudia Schiffer
Claudia 2 The Works (3
Claudia Schiff NFA (3)
Fit Chix 3 (2)
Erika Eleniak
Big Top
Big Girls
Cotswold Coll. 1 (2)
Pam Anderson NFA
Elle Macpherson (2)
Asian Babes (2)
Nikki Taylor (2)
Girls Girls Girls
Playmates (5)
Starkers! - Anna
Starkers2 - Laycyah
-- 2 Fem. Babes 1
-- 2 Fem. Babes 2
-- 3 Fem. Babes 3
-- 3 Fem. Babes 4
-- 7 Pandemon
-- FFA Xmas (3)
-- 9 Fem. Babes 5
-- 10 Fem. Babes 6
-- 11 Fem. Babes 7
-- 12 Fem. Babes 8
Calendar Girls (2)
Calendar Girls 2 (2)
Demi Minogue (3)
Kylie Minogue (3)
Kylie Minogue (3)
Madonna Sex (2)
Beach Babes (3)
Lingerie Babes (5)
Christ Adegede (3)
Sheila Ferlin (2)
Lunatic Nudes
Anna Kournikova (3)
Blond Bshells (3)
Blond Bshells 2 (3)
Oriental Ladies (3)
Oriental Ladies 2(3)
Chess Babes
Pandora Peaks
Tracy West
Cybill Storm
Lulu Devine
Busty Dusty
Les Liggs
Twisty Peaks
Tiffany Powers
Tanya
Saskia
Savanah Staxx
Tammy Tates
Colt 45
Tonisha Mills
Lisa Kelly
Susie Boobies
Wendy Whoppers
A Bust
Pure Britania
Eastern Promise
Blow (3)
Hazinesa (5)
Sauna Beauty
Red Eye
Sensual Kittens
Come On Spurs

AGA GAMES
Motorola Invaders (2)
Super Tetris
Megaball V3
Kiss The Canvas
Cybertech Corp (2)
Mad Fighters
To The Death
Hoi
Bazza n Runt
Born Piaz
Rocketz
Tetris Duel
Hyper Race (2)
Slip 5
Deluxe Pacman
Breakin Bricks (HD)
Kellogs Land
Wheelbarrow Sim
Skidmarks Cars (2)
Excell Card Game 3
Blitris
Apple Jack
Powerolds

KLONDIKE AGA
Klondike (3)
Klondike 3 (4m (4MB/HD)
Card Games Deluxe (3)
Star Trek
Star Trek TNG
Madonna Sex 18+
Playboy 18+
Playboy 2 18+
Erika Eleniak
Dream Girls 2 18+
Erotica 18+
Pleasure 18+
Hired Girls 18+
Ren & Stimpy
Wallace & Gromit
Rosie & Jim
Pacific Coast
Starkers 18+
Beavis & Butthead
Babylon 5
Daisy
Kewl 18+
The Mask
Claudia Schiffer
True Lies
Females 18+
Babes 18+
Nude 1 18+
Nude 2 18+
Dreams 1 18+
Dreams 2 18+
Wet Babes 18+
Pam Anderson
Hard Target
Speed
Time Cop
Arnie
X-Files
X-Files 2
Pulp Fiction
Body Piercing 18+
Busen 18+
Dark 18+

GAMES CLASSICS
Space Invasion 2
Golf
Defender
Tedo
Zaxxon
Donkey Kong
Denring Do
Pucmale
Deluxe Galaga 2.6
Galaxy Wars

TETRIS
Columns
Klaxtris
Dr Mario
Hot Blox
Tetris Pro
Megablock II
Power Tetris
Soell Tris
Pill Mania
Team Tetris
Smashing Tetris
Last Tetris
Tetris
Sticky
Defektris
Syves
Cybertris
Super Cashi II
Statistix

PAC-MAN
Yum Yum
Pacsan's Revenge
3D Pacman
Cybermap
Super Pacman 92
Wibbes 2.1
Deluxe Pacman
Psuman Worlds

BANDITS
Cash Fruit
Loads A Money
Ambassador
Bandit Mania
Fruit Mania
Poker Mania
Super Mega Fruits
Ultimate Fruit Mach
Black Knight F. Mach

DRIVING
Skoda Challenge
Battle Cars II
Automobiles
Moose Drive
Flaming Engines
Mangled Fenders
Int. Combustion
Last Lap

BREAKOUT
Megaball
Megaball V2
Cybersphere
Alienoid
Power Walls

GAMES BOARD GAMES
Diplomacy
Statistic Monopoly
Othello
Serious Backgammon
Reversi II
Monopoly
Gks Chess
Pro Bingo
Scrabble
Draughts

ADVENTURE
Starbase 13 (2)
Black Dawn
Dragon Cave
Terra M'placement
Knightwoods
Seed of Darkness
Psycho Ward
Gladiators Dragonia
Wizards Domain
Intro Dash
The Summoning
Time Zoner (2)
Deed of Night (3)
Mad House (2)
Lethal Formula
Inner Demons (4)
Legions of Dawn
Black Dawn 5 (2)
Emotional Conflict

QUIZ
Wots Its Name
Pasam Pop Quiz
Wheel of Fortune
Quiz Challenge
Quiz Master
Quingo
Red Dwarf Trivia 2

PUZZLE
Shapes
Quadrix
Nova & Dog
Gosh
Multiplex 1.1
Jelly Quest
Slorte
Zyrad
Jigsaw (2)
Marble Rescue
Marbles
Word Play
Track Attack (2)
Double Shuffle
Toobz
Jump Em
Blox
Springtime
Marbleous

RPG STRATEGY
Survivor
Total Wars
War
Legend of Lothian
Fleet 10
Col Conquest (2MB)

GAMES CARD GAMES
Bridge
Solitaire Number
Solitaire Magic
Cards 4 Maniacs
Casino Blackjack
Pro Lit Card Game
Cards
King '95

BEAT EM UPS
Fighting Warriors
Martial Sport
Supreme Fighter
Cyber Fist (2)
Mortal Kumquat

PLATFORMERS
Willys Castle Dreams
Bats
Elevation
Elevation 2
Fruit Salad
Kwaz The Cat
Wally Wood (2...
Jet Set Billy
Dr Strange
Dangermouse
Georga Glass (2)
Ace Spacecase
Harry Haddock
Jet Set Willy 3
Techno Venture
Evasive Action
Skeaback II
Dr Strange III
Nicky II
Pastrael
Top Hat Willy
Egg Scramble
Yogi Em

TILES
Shanghai 93
Tiles4Jym
Imperial
China Tiles

MISC
18th Hole Golf
Amos Games Coll
21 Games
100 Games Pack (7)
Mad Bomber
W Kong
Bobs Garden
Green 5
Gravity Force II
Super Ige Manager
Overspider
Les Dennis H'man
Sonic Hedgehog
Starwoids (2)
Chainnesses (2)
Super Battleships
Beavis & Butthead
Judgement Day
Dynamite Warriors 2
Pengo
Chefr Vt
Master Blaster

GAMES MISC
Art Game
Art Game 2
Art Game 3
Art Game 4
Art Game 5
Art Game 6
Art Game 7
Art Game 8
Art Game 9
Art Game 10
Art Game 11 (2)
Art Game Olympics (2)
Bats
Bats 2
Bats 3
Bats 4
Bats 5
Bats 6
Bats 7
Bats 8
Bats 9
Bats 10
Bats 11
Bats 12
Bats 13
Bats 14
Bats 15
Bats 16
Bats 17
Bats 18
Bats 19
Bats 20
Bats 21
Bats 22
Bats 23
Bats 24
Bats 25
Bats 26
Bats 27
Bats 28
Bats 29
Bats 30
Bats 31
Bats 32
Bats 33
Bats 34
Bats 35
Bats 36
Bats 37
Bats 38
Bats 39
Bats 40
Bats 41
Bats 42
Bats 43
Bats 44
Bats 45
Bats 46
Bats 47
Bats 48
Bats 49
Bats 50
Bats 51
Bats 52
Bats 53
Bats 54
Bats 55
Bats 56
Bats 57
Bats 58
Bats 59
Bats 60
Bats 61
Bats 62
Bats 63
Bats 64
Bats 65
Bats 66
Bats 67
Bats 68
Bats 69
Bats 70
Bats 71
Bats 72
Bats 73
Bats 74
Bats 75
Bats 76
Bats 77
Bats 78
Bats 79
Bats 80
Bats 81
Bats 82
Bats 83
Bats 84
Bats 85
Bats 86
Bats 87
Bats 88
Bats 89
Bats 90
Bats 91
Bats 92
Bats 93
Bats 94
Bats 95
Bats 96
Bats 97
Bats 98
Bats 99
Bats 100
Bats 101
Bats 102
Bats 103
Bats 104
Bats 105
Bats 106
Bats 107
Bats 108
Bats 109
Bats 110
Bats 111
Bats 112
Bats 113
Bats 114
Bats 115
Bats 116
Bats 117
Bats 118
Bats 119
Bats 120
Bats 121
Bats 122
Bats 123
Bats 124
Bats 125
Bats 126
Bats 127
Bats 128
Bats 129
Bats 130
Bats 131
Bats 132
Bats 133
Bats 134
Bats 135
Bats 136
Bats 137
Bats 138
Bats 139
Bats 140
Bats 141
Bats 142
Bats 143
Bats 144
Bats 145
Bats 146
Bats 147
Bats 148
Bats 149
Bats 150
Bats 151
Bats 152
Bats 153
Bats 154
Bats 155
Bats 156
Bats 157
Bats 158
Bats 159
Bats 160
Bats 161
Bats 162
Bats 163
Bats 164
Bats 165
Bats 166
Bats 167
Bats 168
Bats 169
Bats 170
Bats 171
Bats 172
Bats 173
Bats 174
Bats 175
Bats 176
Bats 177
Bats 178
Bats 179
Bats 180
Bats 181
Bats 182
Bats 183
Bats 184
Bats 185
Bats 186
Bats 187
Bats 188
Bats 189
Bats 190
Bats 191
Bats 192
Bats 193
Bats 194
Bats 195
Bats 196
Bats 197
Bats 198
Bats 199
Bats 200
Bats 201
Bats 202
Bats 203
Bats 204
Bats 205
Bats 206
Bats 207
Bats 208
Bats 209
Bats 210
Bats 211
Bats 212
Bats 213
Bats 214
Bats 215
Bats 216
Bats 217
Bats 218
Bats 219
Bats 220
Bats 221
Bats 222
Bats 223
Bats 224
Bats 225
Bats 226
Bats 227
Bats 228
Bats 229
Bats 230
Bats 231
Bats 232
Bats 233
Bats 234
Bats 235
Bats 236
Bats 237
Bats 238
Bats 239
Bats 240
Bats 241
Bats 242
Bats 243
Bats 244
Bats 245
Bats 246
Bats 247
Bats 248
Bats 249
Bats 250
Bats 251
Bats 252
Bats 253
Bats 254
Bats 255
Bats 256
Bats 257
Bats 258
Bats 259
Bats 260
Bats 261
Bats 262
Bats 263
Bats 264
Bats 265
Bats 266
Bats 267
Bats 268
Bats 269
Bats 270
Bats 271
Bats 272
Bats 273
Bats 274
Bats 275
Bats 276
Bats 277
Bats 278
Bats 279
Bats 280
Bats 281
Bats 282
Bats 283
Bats 284
Bats 285
Bats 286
Bats 287
Bats 288
Bats 289
Bats 290
Bats 291
Bats 292
Bats 293
Bats 294
Bats 295
Bats 296
Bats 297
Bats 298
Bats 299
Bats 300
Bats 301
Bats 302
Bats 303
Bats 304
Bats 305
Bats 306
Bats 307
Bats 308
Bats 309
Bats 310
Bats 311
Bats 312
Bats 313
Bats 314
Bats 315
Bats 316
Bats 317
Bats 318
Bats 319
Bats 320
Bats 321
Bats 322
Bats 323
Bats 324
Bats 325
Bats 326
Bats 327
Bats 328
Bats 329
Bats 330
Bats 331
Bats 332
Bats 333
Bats 334
Bats 335
Bats 336
Bats 337
Bats 338
Bats 339
Bats 340
Bats 341
Bats 342
Bats 343
Bats 344
Bats 345
Bats 346
Bats 347
Bats 348
Bats 349
Bats 350
Bats 351
Bats 352
Bats 353
Bats 354
Bats 355
Bats 356
Bats 357
Bats 358
Bats 359
Bats 360
Bats 361
Bats 362
Bats 363
Bats 364
Bats 365
Bats 366
Bats 367
Bats 368
Bats 369
Bats 370
Bats 371
Bats 372
Bats 373
Bats 374
Bats 375
Bats 376
Bats 377
Bats 378
Bats 379
Bats 380
Bats 381
Bats 382
Bats 383
Bats 384
Bats 385
Bats 386
Bats 387
Bats 388
Bats 389
Bats 390
Bats 391
Bats 392
Bats 393
Bats 394
Bats 395
Bats 396
Bats 397
Bats 398
Bats 399
Bats 400
Bats 401
Bats 402
Bats 403
Bats 404
Bats 405
Bats 406
Bats 407
Bats 408
Bats 409
Bats 410
Bats 411
Bats 412
Bats 413
Bats 414
Bats 415
Bats 416
Bats 417
Bats 418
Bats 419
Bats 420
Bats 421
Bats 422
Bats 423
Bats 424
Bats 425
Bats 426
Bats 427
Bats 428
Bats 429
Bats 430
Bats 431
Bats 432
Bats 433
Bats 434
Bats 435
Bats 436
Bats 437
Bats 438
Bats 439
Bats 440
Bats 441
Bats 442
Bats 443
Bats 444
Bats 445
Bats 446
Bats 447
Bats 448
Bats 449
Bats 450
Bats 451
Bats 452
Bats 453
Bats 454
Bats 455
Bats 456
Bats 457
Bats 458
Bats 459
Bats 460
Bats 461
Bats 462
Bats 463
Bats 464
Bats 465
Bats 466
Bats 467
Bats 468
Bats 469
Bats 470
Bats 471
Bats 472
Bats 473
Bats 474
Bats 475
Bats 476
Bats 477
Bats 478
Bats 479
Bats 480
Bats 481
Bats 482
Bats 483
Bats 484
Bats 485
Bats 486
Bats 487
Bats 488
Bats 489
Bats 490
Bats 491
Bats 492
Bats 493
Bats 494
Bats 495
Bats 496
Bats 497
Bats 498
Bats 499
Bats 500
Bats 501
Bats 502
Bats 503
Bats 504
Bats 505
Bats 506
Bats 507
Bats 508
Bats 509
Bats 510
Bats 511
Bats 512
Bats 513
Bats 514
Bats 515
Bats 516
Bats 517
Bats 518
Bats 519
Bats 520
Bats 521
Bats 522
Bats 523
Bats 524
Bats 525
Bats 526
Bats 527
Bats 528
Bats 529
Bats 530
Bats 531
Bats 532
Bats 533
Bats 534
Bats 535
Bats 536
Bats 537
Bats 538
Bats 539
Bats 540
Bats 541
Bats 542
Bats 543
Bats 544
Bats 545
Bats 546
Bats 547
Bats 548
Bats 549
Bats 550
Bats 551
Bats 552
Bats 553
Bats 554
Bats 555
Bats 556
Bats 557
Bats 558
Bats 559
Bats 560
Bats 561
Bats 562
Bats 563
Bats 564
Bats 565
Bats 566
Bats 567
Bats 568
Bats 569
Bats 570
Bats 571
Bats 572
Bats 573
Bats 574
Bats 575
Bats 576
Bats 577
Bats 578
Bats 579
Bats 580
Bats 581
Bats 582
Bats 583
Bats 584
Bats 585
Bats 586
Bats 587
Bats 588
Bats 589
Bats 590
Bats 591
Bats 592
Bats 593
Bats 594
Bats 595
Bats 596
Bats 597
Bats 598
Bats 599
Bats 600
Bats 601
Bats 602
Bats 603
Bats 604
Bats 605
Bats 606
Bats 607
Bats 608
Bats 609
Bats 610
Bats 611
Bats 612
Bats 613
Bats 614
Bats 615
Bats 616
Bats 617
Bats 618
Bats 619
Bats 620
Bats 621
Bats 622
Bats 623
Bats 624
Bats 625
Bats 626
Bats 627
Bats 628
Bats 629
Bats 630
Bats 631
Bats 632
Bats 633
Bats 634
Bats 635
Bats 636
Bats 637
Bats 638
Bats 639
Bats 640
Bats 641
Bats 642
Bats 643
Bats 644
Bats 645
Bats 646
Bats 647
Bats 648
Bats 649
Bats 650
Bats 651
Bats 652
Bats 653
Bats 654
Bats 655
Bats 656
Bats 657
Bats 658
Bats 659
Bats 660
Bats 661
Bats 662
Bats 663
Bats 664
Bats 665
Bats 666
Bats 667
Bats 668
Bats 669
Bats 670
Bats 671
Bats 672
Bats 673
Bats 674
Bats 675
Bats 676
Bats 677
Bats 678
Bats 679
Bats 680
Bats 681
Bats 682
Bats 683
Bats 684
Bats 685
Bats 686
Bats 687
Bats 688
Bats 689
Bats 690
Bats 691
Bats 692
Bats 693
Bats 694
Bats 695
Bats 696
Bats 697
Bats 698
Bats 699
Bats 700
Bats 701
Bats 702
Bats 703
Bats 704
Bats 705
Bats 706
Bats 707
Bats 708
Bats 709
Bats 710
Bats 711
Bats 712
Bats 713
Bats 714
Bats 715
Bats 716
Bats 717
Bats 718
Bats 719
Bats 720
Bats 721
Bats 722
Bats 723
Bats 724
Bats 725
Bats 726
Bats 727
Bats 728
Bats 729
Bats 730
Bats 731
Bats 732
Bats 733
Bats 734
Bats 735
Bats 736
Bats 737
Bats 738
Bats 739
Bats 740
Bats 741
Bats 742
Bats 743
Bats 744
Bats 745
Bats 746
Bats 747
Bats 748
Bats 749
Bats 750
Bats 751
Bats 752
Bats 753
Bats 754
Bats 755
Bats 756
Bats 757
Bats 758
Bats 759
Bats 760
Bats 761
Bats 762
Bats 763
Bats 764
Bats 765
Bats 766
Bats 767
Bats 768
Bats 769
Bats 770
Bats 771
Bats 772
Bats 773
Bats 774
Bats 775
Bats 776
Bats 777
Bats 778
Bats 779
Bats 780
Bats 781
Bats 782
Bats 783
Bats 784
Bats 785
Bats 786
Bats 787
Bats 788
Bats 789
Bats 790
Bats 791
Bats 792
Bats 793
Bats 794
Bats 795
Bats 796
Bats 797
Bats 798
Bats 799
Bats 800
Bats 801
Bats 802
Bats 803
Bats 804
Bats 805
Bats 806
Bats 807
Bats 808
Bats 809
Bats 810
Bats 811
Bats 812
Bats 813
Bats 814
Bats 815
Bats 816
Bats 817
Bats 818
Bats 819
Bats 820
Bats 821
Bats 822
Bats 823
Bats 824
Bats 825
Bats 826
Bats 827
Bats 828
Bats 829
Bats 830
Bats 831
Bats 832
Bats 833
Bats 834
Bats 835
Bats 836
Bats 837
Bats 838
Bats 839
Bats 840
Bats 841
Bats 842
Bats 843
Bats 844
Bats 845
Bats 846
Bats 847
Bats 848
Bats 849
Bats 850
Bats 851
Bats 852
Bats 853
Bats 854
Bats 855
Bats 856
Bats 857
Bats 858
Bats 859
Bats 860
Bats 861
Bats 862
Bats 863
Bats 864
Bats 865
Bats 866
Bats 867
Bats 868
Bats 869
Bats 870
Bats 871
Bats 872
Bats 873
Bats 874
Bats 875
Bats 876
Bats 877
Bats 878
Bats 879
Bats 880
Bats 881
Bats 882
Bats 883
Bats 884
Bats 885
Bats 886
Bats 887
Bats 888
Bats 889
Bats 890
Bats 891
Bats 892
Bats 893
Bats 894
Bats 895
Bats 896
Bats 897
Bats 898
Bats 899
Bats 900
Bats 901
Bats 902
Bats 903
Bats 904
Bats 905
Bats 906
Bats 907
Bats 908
Bats 909
Bats 910
Bats 911
Bats 912
Bats 913
Bats 914
Bats 915
Bats 916
Bats 917
Bats 918
Bats 919
Bats 920
Bats 921
Bats 922
Bats 923
Bats 924
Bats 925
Bats 926
Bats 927
Bats 928
Bats 929
Bats 930
Bats 931
Bats 932
Bats 933
Bats 934
Bats 935
Bats 936
Bats 937
Bats 938
Bats 939
Bats 940
Bats 941
Bats 942
Bats 943
Bats 944
Bats 945
Bats 946
Bats 947
Bats 948
Bats 949
Bats 950
Bats 951
Bats 952
Bats 953
Bats 954
Bats 955
Bats 956
Bats 957
Bats 958
Bats 959
Bats 960
Bats 961
Bats 962
Bats 963
Bats 964
Bats 965
Bats 966
Bats 967
Bats 968
Bats 969
Bats 970
Bats 971
Bats 972
Bats 973
Bats 974
Bats 975
Bats 976
Bats 977
Bats 978
Bats 979
Bats 980
Bats 981
Bats 982
Bats 983
Bats 984
Bats 985
Bats 986
Bats 987
Bats 988
Bats 989
Bats 990
Bats 991
Bats 992
Bats 993
Bats 994
Bats 995
Bats 996
Bats 997
Bats 998
Bats 999
Bats 1000

FOR A RAPID RETURN PLEASE MAKE CHEQUES/POSTAL ORDERS PAYABLE TO: FREESTYLE PD, DEPT CU, 108 WOODSIDE WAY, SHORTH HEATH, WILLENHALL, WEST MIDLANDS WV12 5NH

KT's

LATEST PD TITLES

(01702) 542434
CREDIT CARD HOTLINE

PLEASE ADD 75P P+P PER ORDER

J1800 M.U.L V3.1 LATEST VERSION
J1829 IMAGE ENGINEER V2.16
J1828 CANNON 600/4000 DRIVERS
J1827 STAR STUDIO(DRIVERS)
J1826 FIGP ACCESSORIES DISK
J1825 FIGP-ED V3
J1824 SCION V4.09
J1823 SUPERVIEW V5.10 HD ONLY
J1822 PRO-GREYHOUNDS V1.1
J1621 TEENY WEENYS 1200 ONLY GAME
J1620 ARGUS 1200 ONLY GAME
J1619 SUPER BLOBBLE GAME
J1618 PARASITE FI GAME DEMO
J5185 PIXELSTORM AGA SLIDESHOW
J1067 ODYSSEY DEMO FIX DISK FOR THE 1200
J1966 DREAM WITH ME AGA DEMO
J1065 NO. BY POLKA BROS AGA H/D ONLY
J1964 BLACK LOTUS AGA DEMO H/D ONLY (2)
J1805 VIRUS CHECKER V7.18
J1584 HELSINKI FORCE (5 DISKS)
J1585 TANK ATTACK
J1587 TAG-(2PLAYER SHOOT-EM-UP)
J1588 STRIKE COMMANDER
J1591 POWERODS 1200 ONLY
J1592 MARATHON 1200 ONLY
J1593 BIKER BABE (SHOOT-EM-UP)
J1595 BLACK-KNIGHT (FRUIT MACHINE SIM)
J1596 RISK (BOARD GAME)
J1597 MOTORWAY MADNESS
J1598 LEAGUE CHAMPIONS(SPWAY MANAGER)
J1948 THE DOGS COGS AGA 1200 DEMO (3)
J1953 RIDGE RACER DEMO
J1799 LOTTERY PRO + UTILS
J1800 EXECUTIVE V1(TASK MANAGER)
J1801 SYNDICATE PRO V1.04 (UK LOTTERY)
J1802 CLASS ACTION (HELP ALL HD USERS)
J1804 SHAPESHIFTER V3.2
J1806 NEW ICONS
J1808 GEOGRAPHICAL ATLAS (2) 2MB H/D
J5181 LOVELY GIRLS V2 (2 DISKS) 18+ AGA
J5182 LIZ HURLEY SLIDES AGA (2 DISKS)
J5184 GIRLS,GIRLS,GIRLS (2 DISK SLIDESHOW)
J1599 COARSE ANGLER 2 DISKS
J1600 CIRCUS
J1602 WHEEL BARROW SIM AGA
J1603 ALIEN BASH II
J1605 UN-SENSIBLE SOCCER
J1606 UFO ENEMY UNCLOTHED
J1607 CDALA GAME DEMO
J1608 SUPREME EARTH DEFENCE
J1609 BOB LEMON
J1610 SENSIBLE MASSACRE II
J1554 MATTER OF TIME (3 DISKS)
J1355 QUE AGA DEMO H/D (2DISKS)
J1357 INSTINCT DEMO AGA H/D (2 DISKS)
J1358 UNDERWATER DOWN THE WALLIAGA
J1359 WATER WHISPER AGA DEMO
J1361 BAYGON BY MELON AGA DEMO
J1362 BLOWING BRAIN AGA DEMO
J1363 PLANET M. BY MELON AGA DEMO
J5186 ASIAN BABES AGA S/SHOW (2 DISKS)
J1814 IMAGES STUDIO V2.20 (2 DISKS)
J1617 ALIEN FISH FINGER GAME
J1616 FLYING TIGERS GAME
J1615 FLORIDS/BLITZ GAME
JAD145 EUROCHICKS 18+ AGA 5 SDISKS £4.00P

CD ROM SOFTWARE

CD005 GIFS GALORE £17.99
CD007 17 BIT COLL 2CD £28.99
CD039 17 BIT CONTINUE £13.99
CD065 17 BIT PHASE 4 ..... £9.99
CD033 AMOS USERS V2.0 ..... £17.99
CD026 LOCK & LOAD £8.99
CD062LSD TOOLS 2 ..... £17.99
CD213 LSD COMPENDIUM 3 ..... £17.99
CD031 MEETING PEARLS II £8.99
CD040 EUROSCENE 1 ..... £8.99
CD098W/S ANIMATIONS £17.99
CD064 HOTTEST 5 ..... £14.99
CD034 ASSASSINS £9.99
CD070 POWER GAMES. £8.99
CD077/DESKTOP VIDEO £13.99
CD113 GIGA GRAPHICS £29.99
CD061 UTILITIES PRO 1 ..... £7.99
CD105G.F.X SENSATIONS £17.99
CD038MULTI-TOOLKIT 2 ..... £17.99
CD145 3D ARENA £22.99
CD141 THE LIGHT WORKS £34.99
CD182 THE COLOUR LIBRARY £7.99
CD192 SUPER CARS £4.99
CD196 DA CAPO £22.99
CD028 PRO FONTS £7.99
CD044 SOUNDS TERRIFIC 2 CD'S £16.99
CD042 W/SCIENCE CLIPART £7.99
CD043 W/SCIENCE FONTS £7.99
CD098 W/S ANIMATIONS £16.99
CD105 G.F.X SENSATIONS £15.99
CD038 MULTI-TOOLKIT 2 ..... £16.99
CD053 CLIP-ART PRO 2 ..... £17.99
CD156 MAGIC ILLUSIONS £11.99
CD101 SOUND LIBRARY 2 CD'S £16.99
CD189 SPECCY SEN VOL2 ..... £17.99
ADULT SENSATIONS 2 ..... £17.99
CD181 C64 SENSATIONS £15.99
CD207 SC-FI SENSATIONS 2 CDs £17.99
CD195 ANIMATIC £8.99
CD168 UPD GOLD 4 CD's £24.99
CD208 AMINET 8 ..... £12.99
CD220 AMINET SET 2 ..... £24.99
CD112 AMINET SET 1 ..... £23.99
CD186 GROLIER ENCYCLOPEDIA £22.00
AMINET 9 ..... £12.99
ERIC SCHWARTZ ANIN CD £23.00
TURBOCALC V2.1 ..... £8.99
SUPERAUTO'S. £4.50
MEETING PEARLS VOL 3 ..... £8.99
NETWORK CD 2 ..... £14.99
PLEASE ADD 75P PER CD FOR P+P

WE WILL PRICE MATCH ANY CDROM ANYWHERE.

CD ROM SPECIALS

AMINET 3 5 6 7 x8.00 EACH
FRED FISH NOT +OTHERS £5 EACH
THE LIGHT WORKS CD £10 EACH
5 AM 4MUK II CD £5.00 EACH
MAGIC ILLUSIONS CD £4.00 EACH
ILLUSIONS IN 3D V2 £6.99 EACH

OUR PRICE £26.00

OUR PRICE £27.00

OUR PRICE £34.99

OUR PRICE £2.99

OUR PRICE £17.99

OUR PRICE £17.99

OUR PRICE £17.99

OUR PRICE £15.99

OUR PRICE £16.99

OUR PRICE £6.99

ORDER ANY 3 CD'S FROM THIS ADVERT AND RECIEVE A CD UNDER £10 FREE.

Any 20 disks for £15 +p+p

HOW TO ORDER. TICK TITLES YOU REQUIRE,CUT AND SEND,OR SEND IN YOUR OWN ORDER WITH NUMBERS LISTED,WITH YOUR PAYMENT.CHP/POCASH/CC.CARDS TO KT'S DEPT CU 75 THE DRIVE, ROCHFORD, ESSEX SS4 1QQ.PLEASE INCLUDE YOUR NAME AND ADDRESS.ALL ORDERS SENT BY 1ST CLASS POST THE SAME DAY UP TO 4PM . CALLERS WELCOME..PLEASE MAKE CHEQUES PAYABLE TO KT'S

ALL FLOPPYS 90P EACH

WE STOCK FRED FISH 1-1000.
CLR Licenceware, Horizon Software, ASSASSINS Collection up to 235. Also Snape and LSD Legal Tools.

AMIGA REPAIRS

FIXED PRICE ONLY **£42.99** Incl. (A500/+,A600 and CD32 ONLY)

* Price includes PART, LABOUR, DELIVERY & VAT
* 90 Day warranty on all repairs
* 24 Hour turn-around on most repairs
* All upgrades purchased from us fitted free with repair
* Includes FULL DIAGNOSTICS, SERVICE & SOAK test
* If drive or keyboard need replacing add £10.00

EST. 14 YEARS

AMIGA A1200 Repairs only **£52.99** Fully inclusive

SPECIAL OFFERS

A1200 Desktop Dynamite Packs £295.00
*A1200 Computer *Deluxe Paint 1V *Oscar
*Digita Print Mrg *Dennis The Menace *Workbench 3.0
*Wordsworth AGA *1yr RTB Warranty

A500 Internal Drive **£29.95** A600/1200 Internal Drive **£35.95**

CHIPS		CHIPS		CHIPS	
8372A 1Meg Agnus	24.30	68000 CPU	8.50	A500 Keyboard	38.00
8375 2Meg Agnus	24.30	Video DAC (A1200)	19.50	A600 Keyboard	29.00
8374 Alice (A1200)	32.70	Kickstart 1.2	4.20	A1200 Keyboard	34.00
8362 Denise (A500)	9.60	Kickstart 1.3	16.80	A500/600/1200 PSU	28.50
8373 Super Denise	18.40	Kickstart 2.04	22.40	CD-32 PSU	28.50
5719 Gary	7.60	Kickstart 2.05	19.90	A2000/A3000 PSU	65.00
8520 CIA (A500/+)	12.00	Kickstart 3.1 (A500)	58.00	VGA Adaptor	6.50
8520 CIA (A600/1200)	12.00	Rom Sharer	15.00	2.5 HARD DRIVES	P.O.A.
8364 Paula (A500/+)	12.34	NEW Modulators	29.50	WE CAN SUPPLY AMIGA 500/600/1200 SPARE PART AND KEEP A FULL STOCK	
8364 Paula (PLCC)	16.70	Xchange Modulators	18.00		
		CD32 ROM DRIVE	35.00		
		A500 Motherboard 6A	59.00		

Add £1.50 P&P on chips, £3.00 P&P on drives & PSUs We reserve the right to refuse repairs

☆☆☆☆☆☆ ATTENTION ALL DEALERS ☆☆☆☆☆☆
Our Company offer the most competitive dealer repair service on all home computers. Credit facility available. SEND FOR FREE INFORMATION PACK TODAY.

Service HOTLINE (0116) 247 0059 FAX (0116) 2508043
DART Computer Services (CU) 186 London Road LEICESTER LE2 0PF
DART Computer Services
A Division of D.A. Computers Ltd.

Centurion P.D

only 75p per disk

QUALITY PD & SHAREWARE

CD ROMS NOW AVAILABLE

BC MODS & SFX - Packed with Mods Samples and FX	.9.99
CPPD THE ORIGINAL - Fish 1-660 & Other Misc Data	.9.99
CPPD II - Fish 661-760, Scope Disks, AB20 Archives	.9.99
CPPD III - Fish 761-890 Archived & ready to run	.9.99
DEMO CD - Modules, Anims, Fonts & Clipart	.9.99
ILLUSIONS CD - Full of Stereogram Pics & Utils	.9.99
BC CLIPART & FONTS - Very large collection	.9.99
W/S FONTS - Adobe, CG, Bitmap, IFF, PS, PCX & More	.9.99
W/S CLIPART - EPS, IMG, COloured, IFF, Bitmapped Etc	.14.99
EUROSCENE - 1000's of demos from around Europe	

FREE P+P ON ALL CD ROMS

POSTAGE RATES UK= 75P PER ORDER, OTHERS 1.50 PER ORDER 2 DISK CATALOGUE 1.00 OR SEND 2 X BLANK DISKS & SAE. IF YOU SUPPLY THE DISKS THEN PAY ONLY 40P PER DISK.

KEY: () DENOTES NUMBER OF DISKS, ALL DISKS WORK ON ALL AMIGAS UNLESS OTHERWISE STATED.

HOW TO ORDER : SEND YOUR NAME AND ADDRESS, ALONG WITH YOUR PAYMENT TO:
CENTURION P.D (DEPT CU), 24 WASTWATER DRIVE, WOODCREST, BRADFORD, WEST YORKS BD6 2TN.
AND MAKE YOUR CHEQUES AND POSTAL ORDERS PAYABLE TO B.G REED (MRS)

ORDER HOTLINE *tel. (01274) 677673* 24 hrs

GAMES

G015 SHEPHERD - Brilliant popolous clone
G046 16 HOLE GOLF (2) - Very good golf sim
G058 OVERLANDER - Superb graphics
G071 GAMEBOY TETRIS - Just like Gameboy
G085 100 PD GAMES (7) - Superb collection
G092 SENSI MASSACRE - Shoot Hollands Players
G096 HUGO (3) - Reccommend!!!! Troll Game
G097 STAR BASE 13 (2) - RPG game
G100 TAKE EM OUT - Arcade shootemup
G102 DONKEY KONG - Arcade version
G107 MARIO IN WONDERLAND - Superb graphics
G114 TOP OF THE LEAGUE - Footy management
G119 UN SENSI SOCCER - Just like Sensi.
G123 GREEN 5 - Superb!!!! Flashback clone
G124 DELUXE GALAGA - Fantastic!!!!! Get it
G128 POKER MANIA - Bandit/Poker Sim
G146 BATTLE DUEL - 2 player tank game
G144 SUPERCOMBAT 3 (2) - Cannon Fodder clone
G141 DR STRANGE 2 - Mega!!! Top PD Platformer
G142 M.A.S.H - Lemmings clone
G135 CHANGUES (2) - Dont miss this
G143 JUMP EM - Arcade game
G150 CODE NAME NANO - Great thrust clone
G151 ALIEN BASH 2 - Alien Breed Clone
G152 DELUXE PACMAN - Great Pacman clone
G153 DUCK DODGERS - Skill platformer
G154 INNER DEMONS - Text adventure
G155 BRATWURST (AGA) - 1, 2 player shootemup
G133 DIPLOMACY - Real type game
G134 MR MEN OLYMPICS (2) - Summer sports
G118 INTERNATIONAL CRICKET - Neat cricket sim
G116 WIPE OUT - Space shoot em up
G110 ALL ROUNDER CRICKET - Good cricket sim
G112 FIGHTING WARRIORS - Street fighter clone
G115 HIGH OCTANE - Motor racing sim
G101 X-BALLS - Puzzle game
G098 WORLD DARTS - 1 or 2 players
G076 USA '94 - Soccer cards
G072 STRIKE BALL - Baseball sim
G070 STAR TREK (3) - Control the enterprise
G062 METRO - Build your own rail link
G017 AMOS COIN DROP - Fruit machine sim
G012 KISS THE CANVASS - Boxing sim
G041 BATTLE FORCE (WB2+) - Strategy game
G068 SLAM BALL - Speed ball type game
G073 MENTAL MAZE 2 - Good mind quality
G099 NEIGHBOURS (2) - Ramsey street rpg
G103 DR MARIO - Tetris clone
G122 WET BEAVERS - Well put together

G120 SCOTT FEALL MANAGER - Manager sim
G125 XENEX - Superb !! asteroids game
G127 PROPERTY MARKET - Make Millions
G129 MANGLED FENDERS - Bash the other cars
G133 F1 RACING SIM (5)(600) Great racing sim
G136 TEAM TETRIS 1.36 - Play as a team
G140 SPINNING TIME (WB2+) - addictive
G148 A DAY AT THE RACES - Horse race sim

DEMOS

DM08 SPACEBALLS WAYFERER - Brill demo
DM12 SILENCE OF THE LAMMS - Demo
DM46 SPACEBALLS E.O.T.A - Superb demo
DM47 AGATRON - Animation pack
DM54 JESUS ON E'S (2) - Superb demo
DM55 SONGS RACK (AGA) - 9 Techno tracks
DM56 RAY WORK 5 (3) (AGA) - Superb demo
DM59 ROOTS II (320 procesor)
DM60 TEMPLE OF DECEASE (AGA) - Great demo
DM61 DALUSTORE (2) - Fantastic demo by Abyss
DM63 VOMIT - Hmm Dunno
DM63 LECH (AGA) - New release
DM64 2DOT.JE (NOT 5/800) - Bauvis & Butthead
DM65 GREEN DAY (2) - New release
DM66 NOT THE 9 O'CLOCK NEWS (2) - Very funny
DM77 ITCHY & SCRATCHY No 4 - Very funny
DM68 ITCHY & SCRATCHY No 2 - Very funny
DM76 BIG TIME SENSUALITY (2) (AGA)
DM75 ALIEN INSPIRATION (AGA) - Latest
DM74 GEM 3 (2) (AGA) (4MB) - Fantastic
DM73 MOMENTS (AGA) - Latest release
DM72 ANIMATURES (2) (AGA) - Great Demo
DM71 HOUJO99 JAMIN - New release
DM70 DAS OMEN (AGA) - Latest release
DM69 GRAPEVINE 21 (2) - The wait is over

UTILITIES

U03 TEXT ENGINE 4.1 - Top PD text editor
U04 PC TASK - Run PC progs on your Amiga
U09 GARDEN DESIGNER - Design your own plot
U11 LAST WILL AND TESTAMENT - Just sign it
U18 ASI BOOT UTILS - Lots of them
U19 ASI CRUNCHERS - Lots of them
U29 AMICHECK V2.0 (WB2+) - Cheque book prog
U36 SPECCY EMULATOR + GAMES (2) - Superb
U42 AMIGA PUNT - Betting prodictor
U42 DISK SPARE - Loads more disk capacity
U49 JR COMMS - Modern package
U52 WB 3 BACKGROUND (WB3) - Lots of them
U53 LITTLE OFFICE - Small office utils
U54 CLUMPY ICONS - Loads of them
U55 SPACE WRITER (1.3) - Demo maker
U61 S.I.R.D.S - Create your own images
U63 SUPER DARK - Screen blankers
U67 HD CLICK - Hard drive menu maker
U70 MAGNACTOR 1.55 - Animatio editor
U71 COP THE LOT PRO - Lottery predictor
U72 ACTION REPLAY PRO V4 - Superb utility
U73 1200 HD SET UP DISK (WB2+) - v. good
U77 MEGGA ED - Superb text editor
U96 VIRUSZ II (WB2+) - Excellent virus program
U97 A64 PACKAGE - Brilliant C64 emulator
U89 SYSINFO 3.24 - Analyse your system
U89 MINI MORPH - 50 time faster than other PD progs
U91 TEXTURE STUDIO (WB2+) - Imagine texture renderer
U92 BBLANKER 3.6 (WB3+) - Superb screen blanker
U95 PROGAMBLE 2.1 - Gambling predictor tool
U96 T.U.D.E V1.0D - The ultimate degrader and enhancer
U97 STUDLEYS HD INSTALLERS 3 - Install games to HD
U100 MAGIC WBENCH 1.2 (WB2+) - Very powerful
U98 MAGIC WBENCH EXTRAS (WB2+) - Use with U100
U99 MAGIC WBENCH EXTRAS 2 (WB3+) - Use with U100
U104 WORKBENCH 1.3 (WB2+) - Degrade 500/1200 etc
U107 GOLD ED 3.0 (320 PROCESSOR) - Brill !!!! Text editor
U108 WAVELLA - Amazing tracki generator
U126 MENU MAKER (NOT WB3+) - Create menus with ease
U131 MODEM UTILS - A superb collection
U132 PRINTER DRIVERS 2 - Yours might be in here
U153 PRINTER DRIVERS - Another large collection
U155 POWER LOGO - Excellent word processing pack
U165 RIM DATABASE - The best available in the PD
U176 SID 2.0 - D-Opus type file utility
U201 ULTIMATE DISK CREATOR - Need we say more?
U216 VIDEO TRACKER - Wow!!! A superb video package

CLIPART

CA019 ESSENTIAL CLIPS - Over 130 clip art images
CA018 CARTOON BRUSHES - Ready to use with D Paint etc

MUSIC

MU19 ENHANCED SOUND TRACKERS - A good collection
MU21 OCTAMED V4 - A superb 8 track music package
MU22 MED 3.21 - As above but with 4 tracks
MU35 DRUM STUDIO (1.3) - Fantastic drum machine
MU88 JUKEBOX - Play CD's while you work

EDUCATION

E007 C ENCYCLOPEDIA (12) - Comprehensive guide
E011 D PAINT III TUTOR - Essential for D Paint work
E014 EASY SPELL II - Kids spelling package
E018 G.C.S.E MATHS - Fantastic!!!! Gain top marks
E063 KEYQUICK - Typing tutor

HORNESOFT PD

EST. 1990

DEPT (CU) 23 STANWELL CLOSE, WINCOBANK, SHEFFIELD, S9 1PZ
TEL/FAX: (0114) 296 - 7825 MON - SAT 9.30am - 7pm SUN 12pm - 10pm

AMIGA PD AND LICENCEWARE SPECIALISTS

5TH DIMENSION LICENCEWARE

HILT	£2.95
JUMP'EM	£2.95
BLACKDAWN 2	£2.95
INTERNATIONAL GOLF	£4.50
DISK SYSTEM V3.0	£2.95
OG THE CAVEMAN (AGA ONLY)	£2.95
LOTTERY SYSTEM	£2.95
PLEBS	£2.95

HORIZON SOFTWARE

POWERTEXT
LOCKOUT PRO
FRONTIER DEFENDER
WINNING POST
BUGGLES
POWER ACCOUNT
LOTTERY FORCAST
DRAW SELECTOR
PAINT, PASTE & DRAW

ALL THESE TITLES ARE £3.50 EACH

ALL ABOVE DISKS ARE SUPPLIED ON BRANDED DISKS AND INCLUDE POSTAGE & PACKING

OUR PD PRICES:

1 TO 5 DISKS	.65p
6 TO 9 DISKS	.60p
10+ DISKS	.50p

WE STOCK OVER 16000 + DISKS. FOR OUR CATALOGUE DISK ASK FOR A COPY WITH ANYTHING FROM THIS ADVERT OR SEND S.A.E. OR 2 X 1ST CLASS STAMPS. WE ALSO STOCK F1 LICENCEWARE + MORE

SOME NEW PD JUST IN:
VIRUS CHECKER V8.04 (UTIL)
INT. GOLF PLAYABLE DEMO (GAME)
TRAP'EM (GAME)
ALIEN FISH FINGER (GAME)
VARKS CLI UTILS 10 (UTIL)
VIRUS WORKSHOP V5.8 (UTIL)
LIZ HURLEY SLIDESHOW (2 DISKS) AGA ONLY
LYAPUNOV V2 (UTIL)
FLYING TIGERS (GAME)

POSTAGE ON PD
UK = 70p EUROPE = £1.50 R.O.W. = £2.00

CREDIT CARD HOTLINE: (0114) 296 - 7825

PIGMY CRUSH P.D.

DISKS FROM 60P PLEASE SEE OFFER BELOW

GAMES

MORTAL KOMBAT 3
BLACK DAWN 5 (2)
CARD GAMES 3 (2)
GEMZ
JET SET WILLY 3
SPRINGTIME
HYPERACE
DR STRANGE 2
M.A.S.H.
PENGO
DELUXE GALAGA V3.51
CLASSIC PACMAN
HIGH OCTANE V2
ZAXXON
FLAMING ENGINES
SPELLTRIS
WALLY WORLD (2)
GREEN 5
JUDGEMENT DAY
SUICIDE MACHINE
CYBERGAMER (2)
CLASS E: LUNAR MODULE
LAST LAP V1.0
DARK ANGEL

UTILITIES

IMAGE STUDIO V2 (2)
SHKA 3.2 (WB2+)
VIDEOTRACKER V2
TERM V4.2 (HD)
VIRUS WORKSHOP V5.1
MENUS & MORE V3.2
OFFICE UTILS
AMOSSIBLE
MAIN AUTOR V1.93 (HD)
FREEFORM 3D V1.0
MINIMORPH V1.10
CNFORM V1.2B
D-COPY V2.1
FINAL WRAPPER V3.0
PROGAMBLE V2.1
PROTITLER V2.1
SUPER DMS V2.0
SPONDULICKS
IMAGE ENGINEER V1.1
DOSMAN
EASYCALC V2.0
ICONTOOLBOX
MENUMASTER 3
EDWORD PRO V4

SPECIAL PACKS

DUPLICATORS PACK (5 DISKS)
D-COPY V3.1, CRACK & COPY, FREECOPY, FLASHCOPY, LOCKPIC 2, MEGACOPY V2 £5.00

MUSIC PACK (5 DISKS)
OCTAMED V5, OCTAMED TUTOR, +3 DISKS OF AMAZING MUSIC SAMPLES £4.00

ART PACK (5 DISKS)
SPECTRAPAINT, R.G.S., START ON THE ART STUDENT, SCENERY CONSTRUCTION KIT, CPAINT FONTS £5.00

DEMO PACK (5 DISKS)
STATE OF THE ART EXTENSIONS DEMO 5 FINGERS (2)
TECHNICAL DEATH £4.00

1200 STARTERS PACK (5 DISKS)
AGA UTILS (3)
1200 DEGRADERS
MOTOROLA INVADERS 2 (2)
POINT OF SALE DEMO £5.00

SPECCY PACKS

10 DISKS OF GAMES + EMULATOR OF YOUR CHOICE £4.50

5/ 30 DISKS OF GAMES + EMULATOR OF YOUR CHOICE £8.00

5/ 50 DISKS OF GAMES + EMULATOR OF YOUR CHOICE £25.00

1200 GAMES

KELLOGS LAND
JINXZ
DELUXE PACMAN V1.1 AGA
KLONDYKE 3 (HI (HD)
FEARS 2
MALEVOLENCE
BATTLEDUEL AGA
CARD GAMES DELUXE (3)
STEP 5 AGA
ROM STAR V4.2S
SAMURAI SHOWDOWN
VIDEO AGA
MR BROWNSTONE
MOTOROLA INVADERS 3 (2)

1200 DEMOS

AXIS: PICTURE BOOK (4)
NEXUS 7
OLD SKULLS: MOMENTS
TWISTED MINDS
SWITCHBACK DEMO
SOUL KITCHEN (2)
ROOTS AGA
MOTION ORIGIN 2 (2)
PSYCORENELIC 29 (HD)
LECH DEMO

1200 UTILS

DIY REKO V1.1
EXAM (020+) V1.6B
BLITZBLANKER V1.5A (MUI)
SWAZEBLANKER V2.7
ASI FIX DISKS 1&2 (2)
DELORCH V1.41+
BUBBLER WB3
OLLYS AGA
VIDEOTRACKER AGA
STEREOCOPY V3.5A
ACTION REPLAY 4
AGA UTILS (2)
WINDELAND FRACTAL GEN V1.0

KLONDYKE CARDSETS

ERIKA ELENTAK
SIMPSONS
CLAUDIA SCHIFFER
ASTERIX
GREY HAWK
STRIGE
THE MASK
PAMELA ANDERSON
HELLRAISER
WALLACE & CROMIT
& A HELL OF A LOT MORE

PRICES	P&P CHARGED AT UK. 75p PER ORDER ELSEWHERE ADD 40p
1-4 £0.90	
5-9 £0.80	
10+ £0.70	

ASSASSINS GAMES DISKS 1 - 250, FRED FISH 1 - 1000, 2 DISK CATALOGUE SET £1.00 OR SEND 4 FIRST CLASS STAMPS PLEASE MAKE CHEQUES/POSTAL ORDERS PAYABLE TO PIGMY CRUSH P.D.
ORDERS TO PIGMY CRUSH P.D. DEPT. C.U. 5 SKOMER PLACE, SWANSEA, WEST GLAMORGAN SA5 5PH

OFFER CUT OUT THIS ADVERT AND GET YOUR DISKS FOR 60p EACH OR £1.50 OFF ANYSPECIAL PACK. ADD £0.75p FOR P&P TO YOUR ORDER

FREE FREE — P UNDERGROUND D — FREE FREE

GAMES CHEATS 1.4 EMULATOR ON ALL ORDERS

LIBRARY DISK POST & PACK ON ALL ORDERS

PLATFORM GAMES

1036 A12 NEQQUICK
1296 HARRY HADOOCK
1320 CAVEMAN NOT 1.3
1322 NICKY 2 NOT 1.3
1297 JET SET WILL V3
1321 AIR TAXI NO 1.3
1330 CAPTAIN BONUS
1233 ROACH MOTEL
1221 DUDES NOT 1.3
1225 BOUNCER NOT 1.3
1218 TRAP-EM NOT 1.3
1243 A12 TECNOVENT
1217 DUCK DODGERS
1191 DR STRANGE V2

SPACE BLASTERS

911 SOLO ASSAULT
906 OBLITERATOR
498 THE LAST REFUGE
1139 TRACER NOT 1.3
1192 A12 D.N.X. 2 DSK
1158 A1200 THESIUS

ARCADE GAMES

1308 PSSST A1200
1277 A1200 POWEROIDS
1295 A1200 APPLEJACK
1319 PEPSI NOT 1.3
1327 A12 ROCKETZ V2
1276 CATAPULT NOT 1.3
1281 A1200 FUN HOUSE
1316 FRACUS
1326 GEEK !
555 HUGO V2.5 DISK
976 BEAVIS & BUTTHEAD
273 KELLOGS EXPRESS
912 RUDOLF-SANTA
1242 GALLEONS
1207 SHOOT BADDIES
1168 S.TANKS V1.8
1237 ARTILUS NO 1.3
1187 DARK ANGEL 2 DSK
1244 EARTH DEFENCE

P.D. VERSIONS

025 HUNTER PLUS
022 GODS-T/MACHINE
026 ROBOCOP-T/RECALL
815 LEMMINGS PACK
023 RICK DANGEROUS

COMBAT GAMES

941 FATAL BLOWS
938 MARTIAL SPIRIT
290 FIGHT WARRIORS
1068 2DSK CYBERGAME
1238 WEAPON MASTERS

CLASSIC GAMES

011 ASTEROIDS
693 MISSILE COMMAND
778 OVERLANDER
692 SPACE INVADERS
841 COOKIE
308 DONKEY KONG

DRIVING GAMES

1336 A12 AUTOS 2 DISKS
974 F1 EDITOR 94/5
951 FLAMMING ENGINES
469 THE ROAD TO HELL
1059 MANSELL NOT 1.3
1055 2DK HYPERACE A12
1224 INTERSTATE NO 1.3

SIMULATORS

1325 A12 TANKS 2 DISKS
1329 BASEBALL GAMES
1317 A12 GO FISHING
926 HELICOPTER
332 SEALANCE-SUB
333 BATTLE CARS V2
1273 A12 TRAIN DRIVER

SPORT GAMES

1014 CRAZY GOLF
366 GOLF 18TH 2 DISK
822 CRICKET AMOS V2
630 TEN PIN BOWLING
104 FUTURE FOOTBALL
1171 2 DSK CRS-ANGLER

HINTS & CHEATS

418 1000 CHEATS
931 BACKDOOR V3
821 PASSWORD MANIA
813 GAME TAMER V4.5
820 MEGA CHEATS
681 SIERRA SOLUTIONS
1118 UP TO DATE V1

OVER 18 GAMES

1328 ADULT JIGSAWS
1324 A12 B-FEST 2 DISKS
1307 TERRORLINER V3
997 2 DSK ADVENT V1
1001 2 DSK ADVENT V2
101 TERROR LINER V1
712 TERROR LINER V2
1081 ADULT TETRIS
1176 A12 NUMBERS V2
1248 STRIP POKER
1145 A12 NUMBERS V1

TETRIS - COLUMNS

294 KLACK-TRIS COLMS
107 TWIN-TRIS TETRIS
390 DIZZY DIAMONDS
293 DR. MARIO COLMS
617 NUMBER-TRIS
626 MEGA-BLOX TETRIS
013 TET-TREN TETRIS
597 TETRIS PRO
611 HOT-BLOX TETRIS
657 ZYNX COLUMNS
1240 ROCK - SLIDER
1215 A1200 BLITRIS

PAC-MAN GAMES

230 SUPER PAC MAN
008 ORIGINAL PAC MAN
592 PAC MAN RETURNS
252 YUM YUM PAC MAN
397 DELUXE PAC MAN
1096 PUC MAN
1138 A12 CYBER MAN

BREAK-OUT & PONG

1323 CIRCUS NOT 1.3
003 MEGABALL V1
459 MEGABALL V2
559 MEGABALL V3 NOA5
007 BATTLE PONG
421 REBOUNDER PONG

BOULDERDASH GAMES

731 HAUNTED MINES
254 EMERALD MINES
121 MARATHON MILES
351 ROYAL MINES
391 DIZZY LIZZY MINES
480 BLUE DIAMONDS

PUB-CLUB GAMES

560 DARTS NOT 1.3
1304 CHECKERS V2
598 PIN BALL NOT 1.3
222 FRUIT MACHINE
010 POKER ARCADE
375 CARDS SOLITAIRE
1073 CARDS PACK
1246 AMIGA CRIBBAGE
1190 2 DSK HOT HANDS

BOARD GAMES

910 NEW MONOPOLY STAT
631 SCRABBLE
476 CHESS GAMES

ADVENTURE GAMES

1331 BURGER BAR
1210 SPEED DOOM A12
1300 2 DSK MOVIES A12
1284 2 DSK BLACK DAWN 5
116 STAR TREK 2 DISK
877 BLACK DAWN V2
297 NEIGHBOURS 2 DISK
962 FEARS A1200 DOOM
954 D.O.N A1200 3 DISK
1136 A12 FEARS V2
1266 3 DSK PANIC SOS
1231 POUND ISLE NO 1.3
1209 LOST PRINCE
A12 MURDER 4 DSK
1180 A12 I-DEMON 4 DSK

STRATEGY GAMES

967 COL-CON V2 NOT 1.3
968 KINGDOMS AT WAR
810 TASK FORCE
876 GLOBAL NUKE WAR
826 IND-ESPIONAGE
1182 A12 NIGHTMARE
1185 CRIT-HIT NO 1.3
1222 F-FORCES NO 1.3
1170 A12 LORDS 2 DSK

PUZZLER GAMES

953 CHANEQUE 2 DISK
914 JINX A1200 2 DISK
374 ESC-CASTLE KUMQAT
1135 SPRING TIME
1211 AMIGA GEMZ
859 10 PUZZLERS

MANAGER GAMES

876 SCOTTISH LEAGUE
404 METROS MANAGER
321 AIRPORT
322 MICRO MARKET
443 SLAM BALL
817 BLOOD BALL

QUIZ GAMES

1033 TAZ QUIZ NOT 1.3
1031 TREK TRIV 5 DISK
716 POP MUSIC QUIZ
309 THE QUIZ MASTER
462 WHEEL OF FORTUNE

LOGIC GAMES

1037 MARBLES GAME
1035 ATOMIC GAME
603 EXIT 13
442 REVERSI V2
119 DRAGON'S TITLES
112 DRAGON'S CAVE

AMIGA LEISURE

205 AMIGA PUNTER
228 PERM CHECKER
886 LEAGUE EDITOR
1210 LOTTO LUNATIC
1262 LOTTERY PROF

A1200 MEGA DEMOS

1302 AGA DUNGEONS
1067 SHAKKA LAKKA
1130 ROOTS 18 V2
1274 CONTROL 2 DISK
1208 JAZ WAVE 2 DISK
1186 NOSTROMOS 12
1270 DOOM RAVE
1204 TAZ INTROS
1184 BOSNIS METAL
1220 AMIGA JAMMIN
1165 VENTILATOR

AMIGA MEGADEMOS

460 TEKNO RAVE
1015 2DSK TAZ QUEEN
1120 2DSK TAZ QUEEN 2
1104 2DSK OXYGENE
1084 ASCII NOT 1.3

A1200 SLIDE SHOWS

1287 FASTJETS NO 1.3
740 4 DISK MANGA
507 5 DISK WEIRD/SCI
760 2 DISK KING TUT
1271 PIXEL STORMS
1213 SCOOPEX ARTCORE
1193 LEMMINGTONS

AMIGA SLIDE SHOWS

704 REVELATIONS
061 PAT NAGEL'S GIRLS
918 ERIC'S GIRLS 2 DISK
936 AVIATION HISTORY
1111 5DSK BOLDLY GO
1060 5DSK LION KING
1040 3DSK AGA GLAMOUR

ARTWORK PACKAGE

465 KIDS PAINT
664 FUSION PAINT
063 ULTRAPAINT
349 SPECTRACOLOUR
748 ILLUSION PAINT

ARTWORK PROGRAMS

1299 A12 MAGNI-CAD
1026 JPEG GIF VIEWTEK
071 GRAPHICS CON KIT
070 GRAPHIC UTILS
133 FRAC LAND BUILD

ANIMATIONS

080 VIRTUAL WORLDS
084 PUGGS IN SPACE
233 COOL COUGAR
651 FAIRLIGHT 242
302 ODYSSEY 5D NOT A12
831 RED DWARF
475 BAIT MASKING
463 MR POTATO HEAD
474 MISS MAMISELLE A12
865 TAROT MASTER 2 DISK
861 AMY AT THE MOVIE
271 NEWTEK V2.2 DISK
347 NEWTEK V3 2 DISK
187 ANIMATION STUDIO

AMIGA VIDEO

329 VIDEO INSCRIPT
790 VIDEOTRACKER 5 DISK
148 S-MOOVIE

MUSIC MAKERS

220 FUNK KEYBOARDS
431 RAVE KEYBOARDS
661 MED WORKSHOP 4 DISK
202 MED V3.2
204 SOUNDTRACKER
729 DRUM MACHINE
787 SONIC DRUM KIT
866 OCTAMED TUTOR
738 OCTAMED V2
136 THE ART OF MED
192 THE COMPOSER
618 MUSIC DATABASE
981 AUDIO ENGINEER
1268 HIPPO PLAYER

CLASSIC-POP

1029 COTTONEYE SONG
201 PIANO CLASSICS
234 VIVALDI 2 DISK
342 AMIGA-DEUS
213 DIGI CONCERT V2
620 BAGPIPE MUSIC
750 DOOP DOOBY DOOP
248 EXPRESSION V2
473 RHYTHM'S DANCER
1147 7 DSK JUKEBOX

SAMPLES - MODS

660 KORG 01W 8 DISK
218 HOUSE 2 DISK
206 SELECTION 7 DISK
647 SOUND FX 3 DISK
619 DRUMS 2 DISK

AMIGA EMULATION

423 2 DISK SPECTRUM
889 PC EM 2 DISK
327 ACTION REPLAY
300 RELOKICK 1,3
955 RELOKICK 1.4A
414 SKICK 1.3-3.0

DISK COPIERS

380 NIBBLER (NIB)
727 MULTI TASK (MT)
158 X.COPY PRO
357 COPY AND CRACK
325 LOCK PICKER V2
416 MAVERICK V5
1252 LOCK PICKER

HARD DRIVES

191 H/D CLICK MENU
779 W/B 3 INSTALL
780 W/B 2 INSTALL
621 H/D STACKER
665 MR BACK UP PRO
490 8 DISK MAGIC W/B
533 H/D SUPERLOCK
957 GAME INSTALL V2
1141 GAME INSTALL V3
1199 GAME INSTALL V4

PRINTING

243 AWARD MAKER 4 DISK
065 AMIGA FONT 7 DISK
100 PRINTER DRIVERS
048 PRINTING STUDIO
345 BANNER MAKER
057 TEXT ENGINE V4
393 LABEL DESIGNER
394 INVOICE PRINT
437 EDWORD TEXT ED
749 FORM PRINTER

AMIGA BUSINESS

832 DATABASES 2 DISK
092 ACCOUNT MASTER
240 ADDRESS BOOK
691 DAILY DIARY
470 LITTLE OFFICE
244 SPREADSHEET
535 UK S.T.D CODES
1121 REM-DATE

COLOUR CLIPART

637 6 DISK COL/BRUSH
633 7 DISK CLIP ART
901 9 DISK WORLD MAP

MONO CLIP ART

172 15 DISK PORTFOLIO
558 7 DISK CLIP ART

AMIGA MODEM

702 COMMS TUTORIAL
413 N.COMMS V3
079 OPTICOMMS V2
690 DMS PRO
1032 MAX BBS PROG

PROGRAMMERS

1303 DOS - MANUAL
288 A-BASIC TUTOR
190 PCQ PASCAL
362 C TUTOR 12 DISK
306 UNDERSTAND AMOS
722 TONS OF AMOS
1067 AGA DATATYPES

DO IT YOURSELF

1097 2DSK HELM
239 SLIDESHOW MAKER
381 ADVENTURE MAKER
808 MAKE A DISK
242 MENU MAKER
585 2 DISK PARNET
1154 HEDLEYGUIDE A12
M.U.I. NOT 1.3

VIRUS CONTROL

506 A1200 VIRUS
160 M.V.K PLUS
993 VIRUS Z

AMIGA UTILITIES

1030 A12 DIONIC TOOLS
612 4 DISK TOOL KIT

DISK & SYSTEM

166 SYSTEM TESTER
467 FILE UNDELETE
194 DISK OPTIMISE
356 ENGINEERS KIT
245 FIX DISK
168 HARDWARE MANUAL

AMIGA EDUCATION

766 GEOGRAPHY
532 MATHS 5 DISKS
644 ENGLISH 4 DISK
486 LANGUAGES 4 DISK
270 PLANETS 6 DISK
304 ENGINES 5 DISK
059 AMIGA TUTORIAL
1269 DPAINT 4 TUTOR
937 A1200 / 600 TUTOR

DISK COST £1.25 EACH, NO MINIMUM ORDER, ALL VIRUS FREE AND USER FRIENDLY.
All games are on 1 disk and run on all Amiga's unless otherwise stated
PICK AN EXTRA DISK FOR FREE WITH EVERY EIGHT DISKS YOU PURCHASE

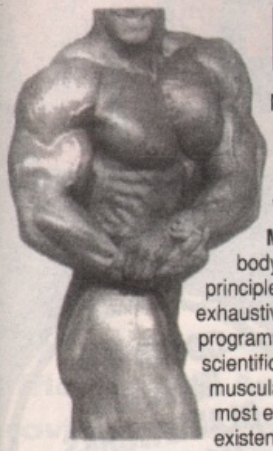
UNDERGROUND PD, 54 CARMANIA CLOSE, SHOEBURYNESS, ESSEX SS3 9YZ. TEL: 01702 295887

Name: ..... Amiga Model: .....

Address: .....

..... Postcode: .....

BUILD MUSCLES FAST!



NEW! Fastest way to build muscles and strength without weights – EVER! Just 35 minutes daily in the privacy of your home will develop an amazing physique.

MUSCLE DYNAMICS is a new body building system based on principles developed after years of exhaustive research. It is a total exercise programme involving the very latest scientific breakthroughs in the field of muscular development. It is the fastest, most effective way to build muscles in existence.

Noticeable results in 28 days guaranteed.

Send for FREE Information Pack.

MUSCLE DYNAMICS,P.O. BOX 70, DOUGLAS, IM99 1EH.
Tel: 0624 801023 (24 hrs)

MUSCLE DYNAMICS,P.O. BOX 70, DOUGLAS, IM99 1EH
Yes! I want to build muscles fast. Please rush me a FREE information pack!

Name.....BLOCK

Address.....CAPITALS

.....PLEASE

..... Postcode .....
(A stamp for reply appreciated)

YOUR PRINTS

You can now have your favourite artwork printed on top quality paper in full gloss colour finish.
All you have to do is follow our step by step guide

SIZES

*31cm x 22cm approx	£4.00	(size recommended for low resolution graphics)
*31cm x 44cm approx	£6.00	

*Sizes subject to aspect ratios

P&P £1.00 up to 5 prints.

STEP BY STEP GUIDE

1.) Forward disk with relevant artwork on
2.) State format used. (all Amiga formats supported)
3.) State quantity and size of prints required.
4.) Enclose name, address and postcode for your prints to be returned to.
5.) Enclose S.A.E. if you require your disk back

Send cheque/PO payable to Your Prints
po box 38, Sutton-In-Ashfield, Notts NG17 4FA
Delivery time approx 14 Days

CU AMIGA MAGAZINE

0171 972 6700
MARIANNA MASTERS

WHAT DO YOU GET FOR £53

FREE TYPESETTING
FREE COLOUR
FREE COPY OF THE MAGAZINE
MORE TECHNICAL COVERAGE
MORE SOFTWARE COVERAGE
MORE PUBLIC DOMAIN COVERAGE
MORE PROMOTIONS
BETTER COVERDISKS
ABOVE ALL
THE BEST VALUE FOR MONEY PACKAGE IN THE AMIGA MARKET
NO 1 FOR CLASSIFIED ADS!

"HOW MUCH?"

£134 inc. next day delivery

The Problem: Eastenders or Street Fighter?
The Solution: A Dedicated Amiga Monitor.

Multisync Monitors £175!

£79 inc. next day delivery

Hard on copy. Soft on wallet.

Microtrade

Dept. CU, The Redwood Building, Leighton Road, Buttington, Welshpool SY21 8HE
Tel: 01938 556575/556623

Monitor specification: Phillips HCS35 Video monitor with speaker – compatible with **AMIGA, NES, SNES, MEGADRIVE I/II, ATARI ST & COMPOSITE VIDEO** (price includes video lead). **Printer specification:** Phillips NMS 1436 9-pin NLQ matrix printer, Epson/IBM compatible, 120CPS draft, tractor/single sheet fed, supplied with lead. Note: all equipment advertised is second-user and has been fully refurbished, tested and repackaged in our warehouse facility and carries a 90 DAY WARRANTY. Delivery included, prices applies to UK only. **Ordering:** please place orders by post ensuring that you specify item(s) required & your computer type. Cheques or postal orders only please, made out to "Microtrade". Items subject to availability.

Packed with tips and advice ● Every major new product reviewed

PC REVIEW

THE COMPLETE GUIDE TO PC LEISURE

Superb Graphics

The best in PC graphics, the latest PC graphics – they're unmissable!

CD EDITION INCLUDES CLARISWORKS V.1 WORTH £155*

Ah, those affordable luxuries!

Shareware Shopping

PC REVIEW – THE BEST PC MAGAZINE FOR THE HOME ON SALE 15TH FEBRUARY

* RRP May 1993 source Claris

Frequently asked questions

Getting the Amiga onto the Internet can be fraught with difficulty. CU Amiga Magazine provides some of the answers to the most common questions.

Q. What hardware do I need to get onto the Internet?

A. Apart from your Amiga, you will need a modem. The faster the better, but with an A1200 a 'V34' 28800 bits per second rated modem is best. Slower Amigas (A500, A600, A12000s) which only have 68000 processors have some problems with anything faster than a 14.4K modem. A hard drive and extra memory are extremely useful too, although if you're prepared to cope with a little bit of hardship and donkey work, it is possible to do without.

Q. What software do I need?

A. That depends. There are two main ways to get on the Internet:either through an Internet Service Provider (such as Demon) or through an existing on-line service. The second way is much, much simpler as all the hard work with protocols is handled by the service provider: All you then need is a terminal emulator package such as *NComm*, *Term* or Hi-Soft's *Termite*.

Q. What is AmiTCP?

A. If you want to get onto the Internet properly in the most flexible way, you will need what is called a TCP/IP stack. TCP/IP is the protocol used on the Internet and the *AmiTCP* package is an implementation for the Amiga. Many programs have been written to take advantage of *AmiTCP* and will provide you with World Wide Web browsers, Gopher and Internet Relay Chat (IRC) clients and mail programs.

Q. Where can I get AmiTCP?

A. You can either buy the full version from Blittersoft and attempt to plug in the extras yourself or preferably obtain the demo version 3.0 or 4.0 (with an annoying requestor) in a ready made 'installer' archive which will do 90% of the hard work for you. You can get one such archive from Visage PD on 0115-964-2828. This particular installer may be Demon specific but it'll provide a working example unlike installing *AmiTCP* from scratch. Installation will be much harder for providers not offering 'static IP' and 'SMTP mail'. It might be an idea to bear this in mind if you choose to use someone other than Demon.

Q. How do I set up AmiTCP?

A. With great difficulty if not using one of the 'Installer' archives. *AmiTCP* is not a program for the beginner. However the latest commercial version 4.2 is an improvement if you really want to pay for it and set it up yourself. As above, you can get version 3.0/4.0 in a ready made archive and this is what we recommend. To set up you will need to have your User and Domain names, your IP number and the IP number of the gateway and Domain Name Servers. See, I told you it was tough. Your service provider will be able to provide all the details, although don't expect them to be able to help you with *AmiTCP* itself.

Q. Once I have installed AmiTCP, will I be ready to go?

A. No, I'm afraid not. Although you have the TCP/IP working, there are many other stages to go through if you didn't use one of the 'Installer' archives. First of all you will need a dialing program that will call into the service provider and start the TCP/IP business going. Once you are connected, you can get a mail program, a WWW program, a Usenet news program, an Internet Relay Chat program (Chatline for surfers) and so on ...

Q. So what does AmiTCP come with?

A. You should get enough to get you started, with a dialer program and utilities including an FTP program (for downloading software) and a Telnet client (for logging into remote computers). With FTP you can load into the Aminet site and download all the other software you need.

Q. What is SLIP and PPP?

A. SLIP and PPP are two different standards for dial in programs: you can use one or the other, but not both. *AmiTCP* seems happiest to use SLIP, as this is what it comes with although PPP programs are available (from *AmiNet*).

Q. If I use a on-line service provider and therefore avoid having to use TCP/IP, what are the drawbacks?

A. If you want to get on to the Internet as easily as possible you should consider opening an account with CIX or Delphi, as both offer access using normal terminal software.The disadvantages are the extra charges associated with using the Internet in this way – rather than the monthly flat rate levied by an Internet Provider. Also, being totally text based means it's not possible to use a graphical Web browser such as *AMosaic*, or *AmiTCP* dependent tools such as the Grapevine IRC client.

Q. Is eventually getting onto the Internet worth the hassle?

A. Definitely! Not only will you be able to download all the latest software, but also you can send email to friends, join in with global discussion groups and look through thousands of pages of up to the minute news and reviews. There is an enormous on-line culture, which you could join.

Q. I have got AmiTCP working, but when I run AMosaic I can't get any pictures displayed.

A. Web pages contain images in GIF format (and sometimes JPG) which the Amiga can't decode out of the box. In order to display these pictures, you need to install a GIF and JPG datatype which the Amiga uses to translate the pictures. They're available by download from the AmiNet sites;
util/dtype/ZGIFDT39.16.lha
util/dtype/jfif_dtc.lha

Q. After installing AmiTCP, I get an error message "rx unknown command" when dialing into the Internet. Why?

A. The command "link up" command used to access the internet makes use of ARexx, and if you don't have ARexx installed and running, you'll get an error message like this. Make sure the drawer Rexxc is present on your Workbench system (copy over from the distribution disks if not) and add the line;
run >nil: <nil: to your s:user-startup file. ■

John Kennedy

Masterclass

So you want to know what this ARexx thing we keep talking about actually is? You're in luck – MasterClass explains all.

On the last few months we have developed some programs in the wonderful programming language *ARexx*. Unfortunately, from first hand experience I've discovered that quite a few users aren't exactly sure what this *ARexx* business is – or how to go about using it.

ARexx is a programming language that is distributed as part of the Workbench (at least, part of Workbench 2.04 and later releases). Unfortunately, *ARexx* documentation is hard to come by: in fact, unless you have an A4000 you are unlikely to have ever seen the official Commodore booklet.

This month's MasterClass is especially aimed at those users who are struggling to use *ARexx* or would-be Amiga programmers eager to achieve something new with their existing system.

To start with, it is important to realise what *ARexx* is designed to do well and what it does badly. One immediate strength is that it is free: most users should already have it on their system. However, *ARexx* is no Blitz Basic or C development system. It's an interpreted language and it is not designed to be the fastest. You won't be able to use it to write killer arcade games or professional utilities.

ARexx is a more thoughtful language, and its strengths are its many powerful commands, its ease of use and its ability to make debugging simple. *ARexx* can also be used to add functionality to existing programs: any application which has an "ARexx Port" effectively makes its functions available to external control. For example, you could use *ARexx* to add complex macro facilities to your *Cygnus Ed* text editor, or to link an image processing program such as The *Art Department Professional* with software controlling a video digitiser such as VLab.

Good and Bad

What ARexx is good at:

- **Learning to program**
- **Text processing**
- **File utilities**
- **Linking existing applications**
- **Adding extra functions to existing applications**
- **Creating intelligent batch files**

What ARexx is bad at:

- **Arcade or action games**
- **Stand alone applications**
- **Extremely large programs**
- **Programs which require fast execution speeds**
- **Programs which make extensive use of graphics or sound**

Starting ARexx

Open a Shell window and enter RX and return. If you see the following:

```
Usage:  rx filename [arguments]
```

then the good news is that ARexx is alive and kicking on your system. If you see something like:

```
rx: Unknown command
```

then there is a very strong chance that *ARexx* is not running or is not installed. To install *ARexx*, you will need to find your original Workbench disks (or have a good look on your hard drive) and locate a program called *RexxMast*. This is the program which executes the *ARexx* programs. Now you can make a decision: do you want *ARexx* to start every time you re-boot, or can you remember to start it manually?

If you can live with a manual set-up, simply double-click on the *ARexx* icon or open a Shell and type:

```
run >nil: <nil: RexxMast
```

To run *ARexx* automatically every time you switch on (which isn't a bad idea unless you are severely challenged in terms of disk space and memory) you should drag the icon over

▲ The RexxMast Icon in all its glory. You can run the ARexx server by simply double clicking on it. However, it's much more useful to insert it in the user star-up.

the WBStartup drawer. Next open a shell and enter:

```
ed s:user-startup
```

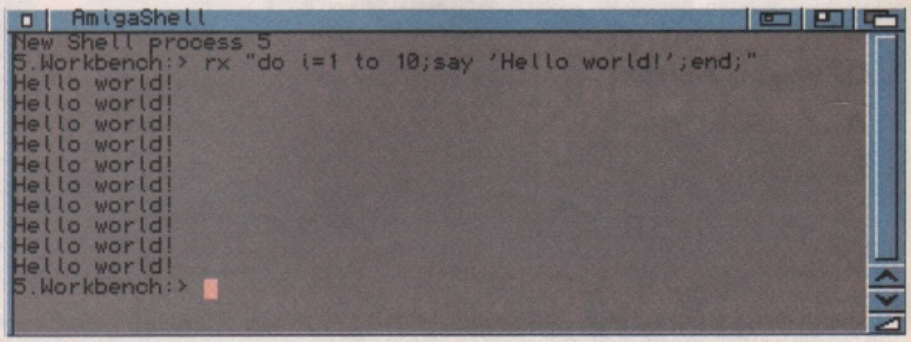
Depending on whether this file already exists or not, you will either have a blank screen or a list of previously entered commands (many programs will add their own commands to the user-startup script, so don't be surprised).

Add the following to the user-startup script and save the file.

```
run >nil: <nil: RexxMast
```

If you are using the standard Ed editor, you can save the file by pressing ESC, then X and then return. You will now need to re-boot to get *RexxMast* started and you should be greeted with what you can see in the screengrab at the top of this column.

This might not be the end of the matter though: if you still get the unknown command error when entering "RX" you will need to check that the directory called "Rexxc" is on your Workbench disk. This directory contains various special *ARexx* commands, including "RX". If it isn't present have a hunt on your



▲ Within the AmigaShell we find a very clichéd example program showing the use of the rx command to run a simple loop. You should be able to come up with something a little more adventurous than this. And remember ... loop programs which print your name are very sad indeed!

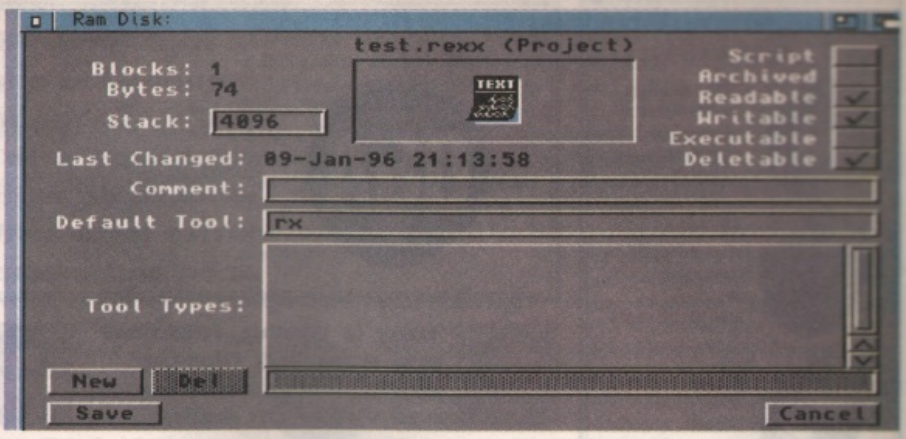
original Workbench disk and copy it to your everyday Workbench disk. Something like :

```
copy df0:rexxc sys: ALL
```

should do the trick. Now when you type "RX" you shouldn't get an error. Unless, for some reason the libraries which *ARexx* requires are missing from your Workbench disks. If this happens, obtain a directory listing of the libs: drawer, and check for rexxsupport.library and rexxhost.library. If these are missing, you'll have to copy them from the original Workbench disks, like this:

```
copy df0:libs/rexx#? libs:
```

And if you can't seem to find the "#" key, then take the trouble to use the Prefs tool to set up a proper GB keymap.



▲ By changing the default tool to 'rx', the file corresponding to the icon will be executed by ARexx automatically.

Using ARexx

Now we are getting somewhere: with all the *ARexx* files installed on your system and *RexxMast* running, your Amiga is at last ready to run some programs.

ARexx programs take the form of plain text files, such as you would create with Ed or some other text editor. It is possible to use a Word Processor, but only if no extra information (font details for example) is saved with the text.

It's best to give an *ARexx* program a name which ends in .rexx, and although it's not compulsory it's a good idea as some programs assume the extension to be present. Actually executing a program can be achieved with the RX command, although RX can also be used to execute *ARexx* command directly.

Here's an example of using RX without a program. Open a Shell and enter:

```
rx "do i=1 to 10;say 'Hello world!';end;"
```

Make sure to get the quotation marks right. You should see something like the screen shot on the preceding page.

The commands we entered between the quotation marks was a simple *ARexx* program. Now let's write it in a more usual form. Using a text editor (Ed if you must) create a file which looks like the screenshot to the right here. There are several points to notice, the most important being that the program MUST start with a comment – that is, text between the /* and */ marks. You can (and indeed should) add more text in comments throughout your program to remind you what certain parts are actually doing.

```
Ram Disk:test.rexx
/* My first ARexx program */

do i = 1 to 10
    say "Hello World!"
end
```

▲ Always remember that programs have to start with comments and that using them wisely throughout larger programs will allow you to go back to code later and not have to work out what it's doing.

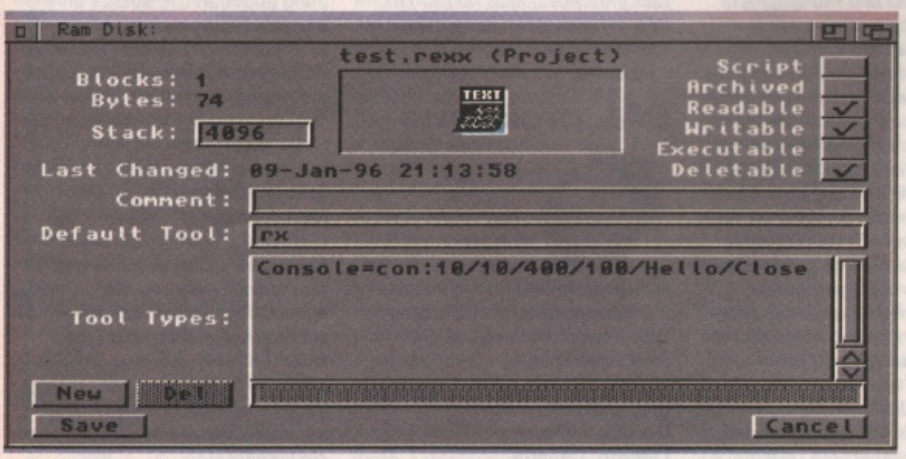
Secondly, notice how we can now space everything a little better, and even indent the inside of the loop. This makes the program a lot easier to read, and the extra spaces make no difference to the *ARexx* interpreter.

Now save the program to Ram disk with a name such as "test.rexx". You can now execute the program by returning to the Shell and simply entering:

```
rx ram:test
```

Notice how you can leave off the ".rexx" part with RX. If your text editor has an option to do so, then save the program with an Icon. If there is no option, use *IconEdit* in order to create one: make it a Project icon. Select the icon, check its Info file (highlight the icon with a single click) and then use the Workbench menu option Icons/Information. You can now alter the default tool to read RX. Then when you save the changes and double-click on the Icon the program will be executed by *ARexx* automatically. There's an example at the top of this column.

It's also possible to add a ToolType to the icons info file. For example in the screenshot just below left, by adding a Console tooltype you can pre-define the shape of the Window and add a Close gadget.. ■



▲ If you have enough memory it is useful to have ARexx running in the background all the time.

Email John at johnk@infosys2.thegap.com or Fidonet 2:443/13.4 and tell him what you want.

Next month ... who knows. More ARexx? More AmigaDOS?

The ARexx Programs

There are several more programs in the Rexxc directory. Some of the more useful are:

REXXMAST The master ARexx program
RX Run an ARexx program
RXC Close all ARexx programs and RexxMast
HI Halt all scripts Immediately
TS Start Trace mode (try it and see!)
TE End Trace mode

Logos, meanings and mysteries:

CD32 queries, ParNET and various other CD ROM-related problems.

All about upgrading RAM, operating systems and processors.

Plug-in hardware of any kind: scanners, disk drives etc.

Answers to queries on particular pieces of software.

Music, sampling, MIDI and anything that makes a loud noise.

Miscellaneous tools to keep your Amiga running smoothly.

Form-feeds, page-breaks, preferences and lots, lots more!

Monitors, TVs, modulators, screen-modes and all that stuff.

Pixels, sprites, animation, pictures. In one small word: graphics.

Spreadsheets, databases, organisers, accounts ...

Everything you need answering about the internet

Not everything fits into a pigeonhole, but anything you like fits in here.

Is your Amiga limping along like a monoped in a large tub of Smarties? If you're having memory mayhem, nasty rumblings with your RAM or any problems to do with your Amiga we can help. Write to us with your problem, hardware spec and memory size and we'll fix it!

Tony is young, talented and a master blaster when it comes to sound and vision on Amiga.

The Antipodean antidote to your problems is back with his brain smoking from the latest Q&A session.

Mixed memory

I have an Amiga 1200 with 2Mb of Chip and 1Mb of Fast RAM. I've tried to run your excellent Imagine 3.0 cover disk but it just quits with no further activity. SnoopDOS reports that Imagine can't find the FC24 library. Is it at all possible that you forgot to include this library and that it wont run without it? My machine has all of the requirements you stated would be needed to run the program on January issue disk.

Anthony Brice,
Pizza, Harrow.

Firstly, we are quite pleased to say that we have received a number of queries about Imagine asking for this library. It's good to see so many Amiga users getting out the diagnostic tools when something doesn't work. In this case, the FC24 library is actually a support library for an obscure graphics board called the Fire Cracker 24. Imagine does not need this to run, it just has some built in support for this device. 90% of the problems that will cause it to exit without firing up are due to a lack of memory. Yes even on machines that do have 3Mb as stated on the cover disk requirements, problems can be had. It needs this much space of continuous memory of which a machine with 2Mb chip + 1Mb fast RAM does not have. The amount of memory available on such a configuration will make Imagine virtually unusable on a system at any rate. Memory is the unfortunate penalty incurred by rendering packages. If you're serious about 3D rendering you should really invest in some kind of accelerator with at least 4Mb of Fast RAM onboard. Hopefully this will help you unlock the full potential of both Imagine and your Amiga.

Devilishly fast

What's wrong with my CyberStorm 68060 accelerator? Every time I run programs that require the FPU, they fail and I get a software failure. I tried to run the FPU version of Imagine 3 supplied with your Christmas issue and I got the same result. When I run the integer version, everything works fine. Any idea what could be causing my problems?

Ole Hagugland,
Drammen, Norway.

If all programs requiring an FPU fail on your Cyberstorm we have a pretty good idea of what's up. Firstly, the Cyberstorm has two libraries that need to be dropped into your libs: directory: a 68040.library and a 68060.library. You may have mistakenly thought that the 68040 library isn't required since you have a 68060 accelerator. It's a much smaller 68040 library that simply refers calls to the 68060 library. Ensure you have both of these libraries supplied with your Cyberstorm installed and your problems should vanish. The FPU version of Imagine will run very quickly indeed on the Cyberstorm. You lucky devil you.

PAL problems

I have an Amiga 2000 upgraded to Kickstart 3.1 coupled with a CSA Derringer 68030 accelerator with 4Mb etc. When loading Imagine 3.0 from your cover disk, I get 'You have an incorrect NTSC/PAL version of Imagine'. I was really looking forward to running this program, Please help.

Domingos Pereira
Ontario, Canada.

We neglected to mention that NTSC Amiga owners need to boot in PAL mode to get Imagine to work since we cover mounted the PAL version. Fortunately, Kickstart 2.x will allow you to boot in PAL mode. Simply enter the early startup screen by resetting and holding down both mouse buttons, then press a key. You'll see the screen contract and expand for each key press. The expanded screen is PAL which will appear to flicker more but has more lines. Click on Boot as normal (after adjusting your monitor to fit the screen etc) and then run Imagine 3.0. Users of Kickstarts earlier than 2.x must use some form of degrader available from most PD houses.

Read me!!

I want to ask you some questions; 1) Is I.C.S.'s A600/A1200 Multimedia Tower worth buying? If it is, how do I connect it to my computer? When you reviewed it in October 95 issue it was shown connected to an A1200 by its PCMCIA slot but you said something about an IDE socket on the A1200's motherboard.
2) Is there any way that I could put a password on my Workbench disk by editing the startup-sequence on my Workbench disk?

Please print this letter, it's the forth time I've written to you.

Andrew Quinn
Manchester.

The reason we haven't answered your letters is that you don't appear to read the magazine that we painstakingly put together each month! Most of your first question is answered by the review. As for the question of whether it's worth buying, surely that depends on your own circumstances.

Yes, it plugs into the IDE socket

on the motherboard (the IDE hard drive socket). A ribbon from the IDE interface is passed through the side of the Amiga's casing and into the tower, that's why it looks like it's connected via the PCMCIA, but it's not.

As for your second question, why password protect your Workbench floppy? You could just hide the disk and anyone could boot your Amiga with another Workbench disk anyway. If you really want a program to do it, check the adverts from the PD houses in this issue for a hard drive protection tool which may function for a floppy Workbench.

Swansong

I own an Amiga A600 with an 80Mb hard drive and 2Mb of RAM utilising the trapdoor slot for 1Mb. I run Bars & Pipes Pro V2.5 to control my MIDI devices. My problem is that my songs are getting longer so running out of memory is becoming evermore likely. How can I upgrade to a higher RAM configuration? Could I use the PCMCIA slot? Are there any alternatives? Also, my real time clock on my RAM card has stopped. I assume it's the battery, can I replace it?

D.S.Moris,
Hounslow, Middlesex.

You can indeed use PCMCIA memory with the A600. This is generally available in 2Mb and 4Mb units though it's a little expensive. There's also the new Apollo 620 accelerator which will accept up to an 8Mb SIMM on board as well as seriously speeding up your trusty A600. It's very tricky to install so if you're interested it may be worth getting it fitted by the supplier. Of course, these problems wouldn't be an issue if you traded in your A600 for a brand new A1200 – you could even drop your hard drive straight into the A1200. The decision is yours.

As for the clock failing in your RAM expansion; most memory cards recharge the battery themselves. It possible yours is not a rechargeable unit though, which we have seen before. Take it to a watch repair shop and they should be able to tell you and replace the battery if it's faulty or flat.

Multi-palette

I have ImageFX 1.5 installed on the hard drive of my Viper II equipped 6Mb A1200. I'm having trouble with rendering sequences as when I load them into DPaint 4 AGA and try to make an animation, the colours seem to cycle and the quality is very very poor. I have tried saving the files in many different formats but the quality is the same. Do I need a graphics card (and hence a big-box Amiga) or is it the way I am saving the pictures out? Please help.

It sounds as if you are saving animation sequences that use a different palette for each frame. Check that the Lock Palette tick box is set. Deluxe Paint 4 will not replay (or create) animations with multiple palettes, but DPaint 5, Brilliance and Personal Paint will do the job. If you still end up with multiple palette animations (if the colours seem to be cycling) then it's advisable that you use one of these programs to edit and replay them.

Dodgy disc duo

I recently bought a 3.5" hard drive, having taken the time to fit the unit with special cables purchased from an Amiga dealer. I phoned the firm I bought the drive from who said 3.5" drives over 500Mb can only be recognised by the 1200 through a warm reset. They also refused to refund money. I boot the machine with a normal Workbench disk but my machine keeps crashing and I'm taking advice on what to do next. Could I sell it to a PC owner? Can I also use PC CD-ROMs, modems and RAM SIMMS on an A1200?

B.A.Sab
London.

Firstly, the firm you bought the drive from seems to know nothing about the Amiga. The 1200 can boot any size of IDE hard drive currently available as it doesn't have the horrible limitations that MS-DOS imposes on the PC. The problem is that your hard drive isn't 'prepped' properly - a good reason for buying a drive from an Amiga dealer who pre-preps drives and charges a little more. This can save a lot of hassle if you don't know how to prep a hard drive yourself. You do have everything you need to prep the drive with HD Toolbox or you could try some better software such as RD Prep, available from many PD Houses. Once prepped, you need to install Workbench onto the hard drive. The easiest way is to simply copy the entire contents of your Workbench floppy onto the first partition you make. I recommend that you get RD Prep as it has extensive on-line help which will show you step-by-step, how to prep your hard drive, partition it and set the right boot priorities etc.

As for the crashes, another common problem with 3.5" hard drives is the power they consume. It's possible that you are drawing more power than the ridiculously under specced A1200 power supply can provide. A Datel Goliath may be needed to solve that problem.

Apollo landing

I am just writing to ask a few questions about the new Apollo 620 for the Amiga 600 which was in the January 96 issue. Could you please tell me if the Apollo 620 will get in the way of the internal hard drive which I have had free with my A600. If it does, what should I do? My last question is could you explain in more detail how the switch you mentioned should be installed.

Malcolm Campbell
Deckham, Gateshead.

The Apollo 620 doesn't get in the way of the hard drive but installation is very tricky so unless you're quite a handy man, I wouldn't attempt to fit it yourself . This also goes for the switch we mentioned. To fit it is a matter of buying a switch from Tandy and wiring the pads up to the jumpers on the 620 card. A hole needs to be drilled in the case, the switch poked through and then screwed back together. If you can't work out how to wire the switch up to the card, you shouldn't attempt to do it at all.

Speed Freak

1. Why does SysInfo tell me my system is running at 15.2MHz and 1.35 MIPS when on a previous A1200 on the same setup I got 14.17MHz and 1.33 MIPS?
2. I have raised enough money to purchase an accelerator and I am thinking of buying the well praised Blizzard 1230 IV with 16Mb of RAM. Do I have to worry about it clashing with my Overdrive HD?
3. Could I use a normal PC tower case instead of the very expensive MicroniK tower case and if so could I purchase the Zorro cards, connectors, etc. separately? Would this be cheaper?
4 Are there plans for a Zorro III expansion card for the A1200?
5. Is it possible to attach a 24 Bit Graphics Board via a SCSI II interface?
6. Does the Sony Playstation really do 500 MIPS? If so why didn't Sony use this technology wisely and put it to some good use to make a computer rather than an expensive toy.

Moynul Ahmed,
Sparkhill, Birmingham.

1. Sysinfo isn't very accurate. It uses the display Hz to measure the speed of the machine. Change the screen mode or even Overscan settings and it's put out of whack. Try a proper benchmarking tool like AIBB 6.5.
2. The Blizzard is fine at 8Mb but we couldn't confirm if it was OK at 16Mb. The best bet is to check with Gordon Harwoods that you may return the unit if it does cause problems with your existing set-up - they should oblige as they have an excellent customer service record.
3. Yes and no. You'll have to take the motherboard out of the case and fit it in the tower with wrongly positioned mounting fittings. Also the rear won't have the holes punched for the Amigas ports. Zorro cards don't easily connect to the A1200. The real nuts and bolts of the MicroniK tower is the Zorro break out board. This complicated expansion board gives you Zorro slots from the trapdoor port. However, we've heard of some enthusiasts fitting their motherboards into PC cases but doing so lands you firmly on your own.
4. Yes, there's a tower from Eagle Computer Systems in Germany. We're trying to organise a UK distributor and obtain a review item. Keep an eye out on future CU issues.
5. No. There's no 'real' graphics board option for the A1200. See Mat Bettinson's points of view on page 120. Some display enhancers use the RGB port only for various degrees of success like Power Computing's 18-bit Video DAC.
6. No, it does not. It has a fairly moderate CPU (33Mhz RS3000) that accelerated Amigas can comfortably outpace. It does have next generation custom 3D hardware. The kind of thing that should be present in the new Power Amiga range. Then the Amiga will have that kind of power without Sony's overzealous control of the platform and it's software. ■

NO SAES PLEASE

We regret that we cannot respond to readers' queries by post or over the phone. Please do not include stamped addressed envelopes with your letters, as we simply don't have time to answer the thousands we receive. Responses are only possible through the pages of the magazine.

Backchat

To join our readers' forum write to Backchat, CU Amiga Magazine, EMAP Images, 30-32 Farringdon Lane, London EC1R 3AU.

Get a spine!

It saddens me to read such letters as Michael Smithson's blaming Amiga owners for the potential demise of the machine, and asking us to plead with software publishers to support the Amiga. If they want to sell software to this format they will, but most have made clear their future intentions. I, for one, am not in the habit of begging to anyone, least of all large profit making organisations. Get a spine, Michael!

As far as CU Amiga Magazine goes, I would like to see more space in your magazine devoted to looking at what the average Amiga user has, what they use it for and what they are looking for in the future. Get honest debate going, expand the Backchat pages and stop reviewing games at 80-90% just because there is nothing else around.

Let's continue to enjoy our Amigas for what they are: the only decent machine for ordinary people, irrespective of income, who want more than a console.

PS. Can I have my own column?

The Grump, Alba.

No you can't have your own column but if you seriously think you have an article that's worth publishing in CU Amiga Magazine, send it to The Editor in ASCII text format accompanied by a hard copy printout and a covering letter.

Letter of the month

I am writing in reply to Martjin from the Netherlands who complains in the February 1996 edition of CU Amiga about cover disks on computer magazines. I accept his point that the magazine would be cheaper without the cover disks but this is only one point of view – it could equally be said that the small extra cost is well worthwhile since it gives Amiga users a chance to try out programs that one might or might not buy. Program reviews are all very well but there is no substitute for trying out a program yourself before deciding whether to buy the full version – certainly if the full price is a lot more than the cost of a cover disk.

I paid over £200 for the full version of *PageStream 2.2* (which the graphics here are done with)– now it is on a cover disk. I might take the point of view that I have wasted £200 buying a program that I could have got virtually for free, but I have had several years use out of it and now I am guaranteed that it will continue to be well supported because lots more people have become *PageStream* owners as a result of the special cover disk upgrade offers. Cover disks of old programs give a good introduction to the latest version – if sometimes you have to put programs on the disks that don't appeal to everyone that just shows that Commodore's demise has greatly decreased the number of programs available – Escom will sort that out.

Please keep the cover disks, they encourage people to buy the Amiga and support those who already have.

Now a quick gripe of my own. I'm a computer hobbyist but I got the vote more years ago than I care to remember. The eyesight's fading and the hearing's about gone. Please ask your advertisers to print their copy in slightly larger than 0.01 print so I can read it. And whilst I'm on the subject, who decides that it is a good idea to print dark grey text on a medium grey background or tiny lettering over a surrealist multi coloured, multi coloured landscape background. Surely your advertisers want to sell their wares? Some of them act as if they can't bear to part with their goodies and make it virtually impossible for anyone with other than perfect vision to read their adverts.

Congratulations all round on producing the best magazine available.

Mr JRL Smith, Leicester.

Dirty tricks

Why do you insist on using dirty tricks to sell your magazine? I'm referring to the 'free' gifts you stick to the front of every issue in a shameless attempt to bolster the sales figures. For example, there was the Aminet CD-ROM last year, the Amiga E programming language and guide book, not to mention the excessive three-disk January issue that came with *Imagine 3*. Is your magazine so deficient that it really needs these sweeteners to shift it off the shelves each month? Personally I think the content of your magazine is enough incentive to buy each month.

Phillip Dugdale, Hants.

Yes, you're right, these are blatant attempts to sell more magazines. They work on the principle that if we offer a bigger and better overall package, more people will want to buy the magazine. Disgusting, isn't it?

On yer bike

Here we go again. Upgrade or die, I've already done that ... several times. From a C64 to an A500 1.3, A500 with WB1.3/2.0 ROM sharer, A1200 2Mb, A1200 plus 2Mb hawk board, 85Mb HD then 240Mb with 2Mb on board. After all this I now have 6Mb RAM in total. I've even got a CD-ROM drive now and a printer and a monitor. Whatever next?

Now I need an FPU to run a flaming cover disk. On yer bike: do you think I'm made of money? *Texture Studio*'s no good to me, unless you've got a spare FPU lying about the office. I suspect that it's not a lot of good to a lot of other people either. I shall have to take a closer look at magazine cover disks from now on before I decide to buy the mag. Don't get me wrong, I love the Amiga, I've stuck by it through thick and thin but I've got to draw the line somewhere.

Mike Smith, Hants.

Whilst it's unfortunate that Texture Studio requires an FPU, it is essentially an add-on for

Imagine and most of Imagine's textures require an FPU. For people interested in rendering and such forth, an FPU is an essential addition to their machine. Incidentally, we included some Imagine objects (which can be used on the non FPU version), the DVerb and Mandel-92 packages and even the excellent Bluff Titler demo. None of which require an FPU. If every program on all of our cover disks had to run on every Amiga then there would be no cover disks. If you decide not to buy CU Amiga Magazine (which is more than just a cover disk) because one program wont work on your machine then perhaps you aren't sticking through as much thin as you say you are.

Stop whinging

I felt compelled to write after reading month after month about the odd one or two simple minded people who whinge on about cover disks and the like. I am currently unemployed so my attitude towards Amiga magazine publications has changed dramatically. When I was working I used to buy all the Amiga Publications as they came out (Amiga Power, Amiga Action, Amiga Computing, Amiga Shopper, Amiga User International, Amiga Format, CU Amiga and The One). Obviously becoming one of Major's millions has forced me to rethink my strategy on this front. It didn't take much thought though because of the shear variety of subjects within your magazine, from the latest news and reviews to cover features, from Get Serious to Workshop and the highly informative Q&A section, what more could an enthusiast want? And on top of all this comes ... *Imagine 3.0. Amiga E, PageStream 2.2, MovieSetter, ComicSetter, ProDraw 3, Scala* not to mention a lot more on your cover disks. OK so you get the time limited demos, ie the *Virtual Karting* cover disk, as well but the 'try before you buy' option suits me fine.

However, I was happily tinkering away at my keyboard using *Transition*, an excellent utility thinking wow, fantastic, now I can download some clip art from the PCs I am forced to use at college. But when I went to find out what disk number and issue did I got it from, I discovered that it was from another magazine. Why did you miss this gem of software?

Mr EC Wood, Cleveland.

Thanks for all the praise Mr Wood. However, due to our policy of putting top quality software on our cover disks we have to decide what we think is the best package to go on. Sometimes this means that other software is left off our disks and may appear on another magazines. That's life.

Xtreme blobs?

I have one question about your last cover disk *Xtreme Racing*. I like the game but there is one thing I can't work out. What are the red things that move about when you are racing. please answer the question, I'm sure I'm not the only one who doesn't know what they are.

Martin Jerome
Waterlooville, Hants.

Martin, Martin, Martin, where's your sense of Christmas cheer? Those little red things are cheeky, cheery Santas wandering around in the snow trying to avoid being run over before the Christmas rush.

BeBox rumours

I heard a rumour that the new computer platform 'BeBox' will probably be the new Amiga RISC machine that we're all waiting for. I don't know whether this rumour is true or false but if the Amiga Technologies intend to release a new Amiga model, I think they must convert some current Amiga productivity titles like *Final Writer 4, Scala MM400, Real 3D V3.0* etc to new RISC mode. Also, it would be a good idea if AT made some deals with game companies to produce RISC versions of popular A500 and A12 00 titles (*Sensi World of Soccer 3D* or *Alien Breed 3D II* would be great).

Come on AT, act quickly and give us a RISC Amiga with AmigaOS V4.0 (with network and internet capabilities). Please, release the new machine before Autumn 96. Time's running out and let's face the truth – the Amiga market is getting smaller every day. Many game companies have already abandoned the Amiga games market, the same could happen to the productivity market.

Sinan Gurkan, Istanbul, Turkey.

The BeBox is actually an entirely new computer by the company Be Inc. The only connection with the Amiga is that the directors have modelled certain aspects on the Amiga and, they say, what the Amiga should be. This is obviously an attempt to poach Amiga users for the platform and with hardware specs including twin PowerPC CPUs and a very low price point, it does sound attractive. However, the machine doesn't exist and there certainly will be no software for it for a long time yet. Amiga Technologies admit they have seen the BeBox but remain committed to developing a brand new Power Amiga. Draw your own conclusions.

BBS BA BA

A young Russell Pierce has been bombarding the office with calls in a desperate attempt to get his bulletin board number published. OK Russell you've finally worn us down. We don't normally publish BBS number as a rule but here goes. The Pigeon Coup BBS provides help on Amiga technical queries and internet access software, it can be contacted on 01559 384 634, sysop is Tony. Note: other readers do not attempt the Pierce method of persistency otherwise we may be forced to come round your house and set fire to your collection of stuffed animals. You have been warned.

Amiga E tutorials

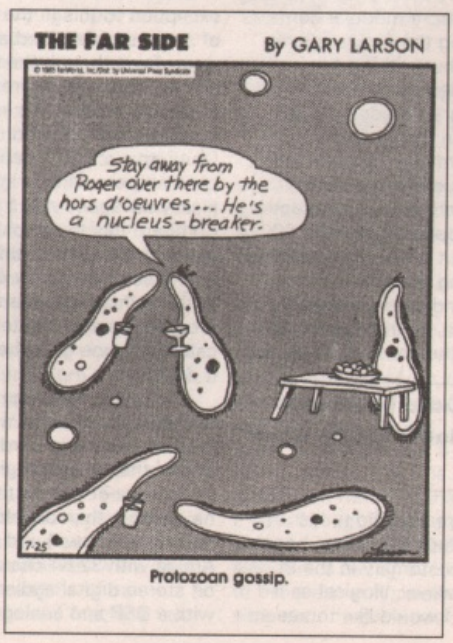
I was delighted to see your recent cover disk of the *Amiga E* programming language and the start of the *Amiga E* tutorial by Jason Hulance. This elegantly compiled language by Wouter van Oortmerssen gives our favourite computer yet another big lead over the competition. Jason's tutorial on EasyGUI shows how *Amiga E* gives fast seamless access to the core of our unsurpassed operating system, which achieved in 1985 what Windows 95 struggled to reach a decade later. Moreover we need only a fraction of the memory and disk space resources needed by other languages and computers.

In particular the latest version of *Amiga E* includes excellent facilities for object oriented programming most ably outlined by Jason Hulance. I do not recall any serious discussion of OOP in any Amiga magazine so far. I hope that you will ask Jason to show the object oriented Programming power of Amiga E?

Brian C. Eggleston, Shropshire.

Glad you've enjoyed our tutorials. We'll pass your comments on to Jason.

Disaster befalls Professor Schnabel's cleaning lady when she mistakes his time machine for a new dryer.



Protozoan gossip.

Points of View

Alan Dykes

Bad News Then?

The news that Amiga Technologies is cutting back its operation in the UK is, on the face of it, bad. With product development and support almost eliminated from these shores what hope can there be for the future? Well, the press release sent to us about the World Of Amiga show in Novotel, London was clear about one thing: *'German company'* Amiga Technologies is staging it. Strange though it may seem, perhaps the very existence of a UK office was one of the reasons the Amiga hasn't been as successful as it might have been here in Britain.

Let's not fool ourselves any longer, Amiga Technologies GmbH (UK) was never anything more than a puppet theatre. Jonathon Anderson set up the Amiga Magic deal and John Smith sold machines as hard as humanly possible into retail and distribution, but they were ultimately hamstrung by lack of any real control. You can have ideas galore and work hard but unless you actually control the budgets and the decisions that globally effect the Amiga, you cannot claim success. Benshiem is the real nerve centre and the relaunch of the Amiga has been more successful and universally accepted in Germany than it has been here as a result.

"Let's not fool ourselves any longer, AT GmbH (UK) was never anything more than a puppet theatre."

Commodore UK was a large independent company, part of the global network of a multinational. Amiga Technologies UK was merely a regional branch office. So the job cuts may not be such bad news then (for us, but spare a thought for Jonathon and co), if they mean that Benshiem sits up, takes notice and has a direct hand in the action here in the UK. If sales don't go well then there will be no-one to blame but themselves, and this could mean that the savings they make on UK salaries goes into the promotional budget to make sure this doesn't happen.

Perhaps with their hands directly on the reins Amiga Technologies GmbH will take this once great Amiga market seriously again. Let's hope so.

AMIGA

Tony Horgan

Sound Decisions

The Amiga is probably going to go through two main changes within the next year or so. First will be the 'A1200 Plus' or whatever it's called (an A1200 with extra RAM and a faster processor), while the next step will be the Power Amiga. As plans for the 'Plus' will now be set in stone at AT, let's jump forward to the Power Amiga.

Educated guesses suggest that this will be something similar to the Draco from MacroSystem: a modular computer running the Amiga operating system but without the custom Amiga chips. System-legal software that doesn't call directly upon the audio and graphics hardware (sprites, internal samples etc) works fine because everything is re-directed to the appropriate graphics cards, output ports and so on by the operating system.

This sounds all very logical and sensible, as the user could then stock the computer with all the hardware specific to his needs, and upgrade when necessary, as is customary in the PC market. However, illogical as it may seem, I would like to see an exception to this in the form of some standardised audio hardware. Even though the Amiga's current audio hardware is outdated, at least the software available really does drive it to its limits, to such an extent that it can compete with far more technically advanced audio hardware. Compare this to the chicken and egg situation of third party sound cards and their software. With too many standards for programmers to master and cater for, none gets the support it deserves.

"Even though the Amiga's current audio hardware is outdated, at least the software available really does drive it to its limits."

My advice to Amiga Technologies is: buy in some ready made audio hardware from one of the Japanese giants such as Yamaha or Roland (it's got to be cheaper than developing and making your own) and give us an Amiga with 32-64 channels of 16-bit stereo digital audio playback, with a DSP and analogue-digital-analogue converters to boot, stick on a couple of MIDI ports and you'll clear up in the booming music and multimedia market. Offer the world a system such as this 'out of the box' with full support from all developers and you just cannot go wrong. Once again the Amiga will then be THE computer for audio-visual applications.

▲ Stock the Power Amiga with some 'off the shelf' professional audio hardware bought from Roland or Yamaha, and it would become the industry standard computer in the music and multimedia fields.

Andy Leaning

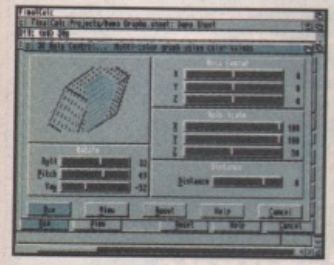
Just the Business

The other day I was lucky enough to be asked to advise a group of business people about how they could use computing technology to enhance their businesses. During the lecture one of them, I'll refer to him as Dave, asked if it would be possible to use his son's home computer in his business (he owned a small off-license).

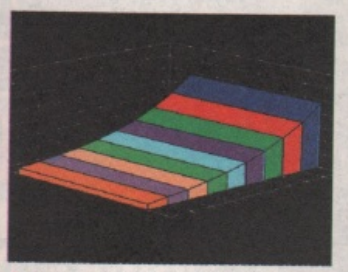
Now the course I'd chosen to give, although using PCs as examples, was designed to show how any computer technology – as opposed to a specific type – could be used so I was more than pleased to take a few minutes out of my talk and try and assist Dave in using his son's computer.

As it happens the computer in question was an Amiga, an A2000 and although his son had a copy of SoftWood's *PenPal* word processor he had little else.

Dave was very surprised to learn that there were quite a few good business programs he could use on it and even more surprised and delighted when I told him their prices. While PC software prices are falling, it's still hard to get really good titles as cheaply as they are available on the Amiga.



▲ FinalCalc; just one of the many top notch business programs that the Amiga now has.



▲ With FinalCalc you can even create fancy graphical representations of your statistics.

This set me thinking, that if I'd met Dave this time last year I would have been very hard pressed to come up with an similar number of business programs but now I was able to tell him about *EasyLedger, FinalCalc, FinalWriter* and *WordWorth, DataStore, Twist* and even *ShapeShifter*.

I met Dave again recently, and he told me that his son had been given a PlayStation and so he now using the Amiga for his accounts, creating posters for his shop window and as a catalogue for the video library he's running from the store.

What's the point behind all this talk about a man called Dave and his son? It simply highlights the fact that the market for Amiga business software has rarely been as strong as it is now.

"The Amiga may be losing its edge as a games system but it may just have found a new home amongst the thousands of small businesses who can't afford PCs."

The Amiga may be losing its edge as a games system but it may just have found a new home amongst the thousands of small businesses who can't afford PCs and the masses of software needed to run a business on.

My message to Amiga Technologies is as follows: tell the business community all about your product. It's great.

Mat Bettinson

A1200 Cybergraphix

The Amiga (and C= machines before it) were always central to my hobby interests. Before my heady days at CU Amiga Magazine I worked in the electronics industry where I appreciated the Amiga's advanced design and wondrous graphics and audio capability. These days my career is in the world of publishing and my favourite machine is a beefed up Amiga 3000 loaded with Zorro boards. My set up gives me something approaching modern hardware capabilities with the Amiga's brilliant operating system. This OS coupled with the brilliant array of standardised 'style guide compliant' software, is pretty much what keeps me solidly with the Amiga still.

▲ This 24-bit image image courtesy of Texture Studio 1.1 is proof of te great graphical things the Amiga is capable of. Just imagine what the A1200 could do with a 24-bit graphics card.

However, the mass market Amiga 1200 doesn't have such expansion capabilities. Sure there's plenty of expansion options available but there's a few vital areas where the Amiga 1200 isn't catered for. For example, the Amiga's graphics and sound capabilities were once strengths of our beloved machine but now they have now partially turned into its weaknesses. There's no 16-bit sound or 24-bit graphics cards for the Amiga 1200. Why is that? Contrary to popular opinion, it's quite possible to add such things to the A1200 and yet, amazingly, it has never been done.

Some hardware manufacturers should be wise enough to capitalise on the long wait for next generation machines and start producing some kind of mass market trapdoor fitted upgrade. This wouldn't be your usual accelerator but a graphics board to boot. Yes it is possible. A lead can run from the board to a passthrough connector plugged into the RGB port. My electronics background leads me to believe that it's definitely possible and I feel we need such a unit. It also shouldn't be too prohibitively expensive to produce and so this should keep the price down to an acceptable level.

Heck, Amiga Technologies themselves could produce this unit. It would see us nicely though the next year until the awesome PowerPC based machines debut. It might also supply them with a healthy revenue to aid the Power Amiga's development in the meantime. A graphics standard already exist so that developers can support the upgraded architecture and applications should continue to work under emulation in the future.

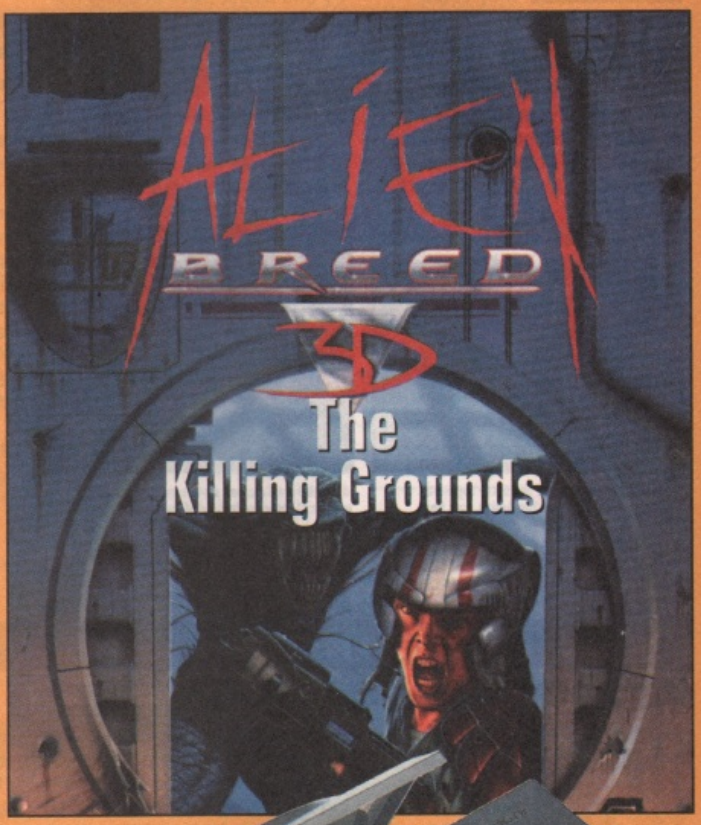
"No more accelerators please. The rest of the 1200 is yearning for a power boost too."

One final word and piece of advice to AT and hardware manufacturers: no more accelerators please. The rest of the 1200 is yearning for a power boost too.

Next Month

in CU AMIGA MAGAZINE

- The Best Technical Coverage
- The Best Games Coverage
- Expert Advice and Guidance



You just can't beat it!

Don't miss next month's issue on sale 15th March

FALCON

TAKE YOUR AMIGA TO THE MAX

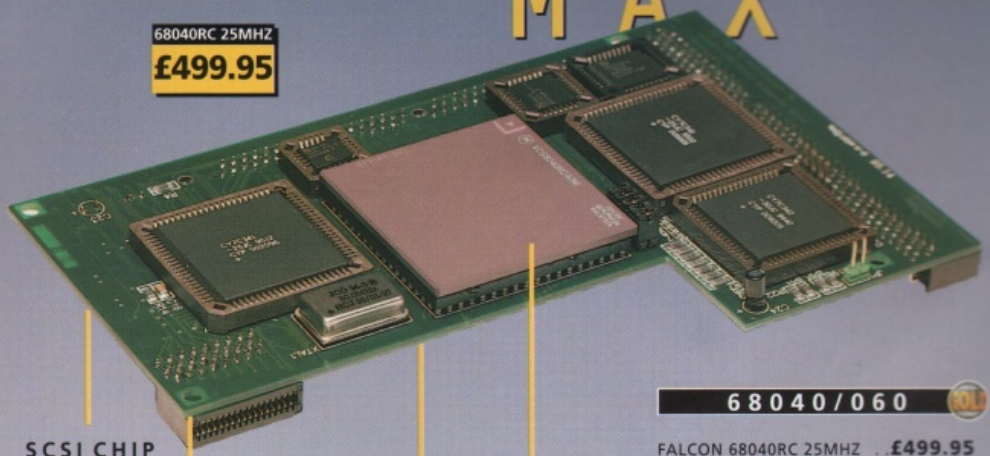
Superior performance. Full on speed. Yours when you add the new Falcon 68040/060 accelerator to your Amiga 1200. It's like never hitting the brakes. State-of-the-art-technology for the ultimate rush. Seriously faster than a 4000/040 at a fraction of the cost. Fit the Falcon, feel the speed. If you dare.

SPECIFICATIONS

- 1.5 Times more powerful than the Amiga 4000/040*
- RAM Access 3.5 times quicker than the Amiga 4000/040*
- Easily upgradable to the 68060 Processor**
- 68060 Processor socket built-in
- Can host up to 128MB of Local Burst RAM
- Fast SCSI-II/III SMA Hard Disk Controller (10MB/Sec)
- PCMCIA Compatible and fully auto-configuring

*Speed based on the 68040 25MHz CPU
** Upgrade 68060 price programme available soon
Amiga case needs to be opened and trapdoor modified

68040RC 25MHZ
£499.95

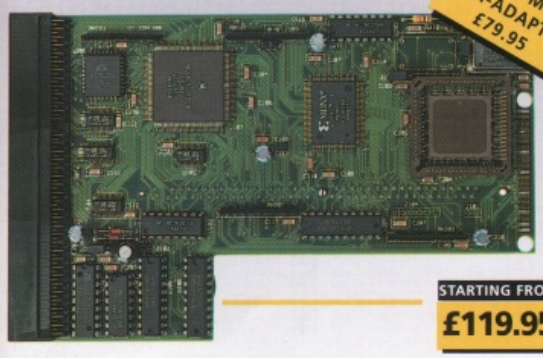


68040/060

FALCON 68040RC 25MHZ	£499.95
FALCON 68060RC 50MHZ	£649.95
4MB SIMM	£125.95
8MB SIMM	£235.95
16MB SIMM	£499.95
FALCON NO CPU	£419.95
SCSI ADAPTOR	£29.95

All Falcon's come complete with a cooling fan

VIPER



STARTING FROM
£119.95

VIPER 28MHZ

The Viper 28 can have up to 128MB RAM installed, full Kickstart remapping, optional SCSI-II adaptor, on-board battery backed clock, 68882 co-processor, instruction and data burst modes.

VIPER 28 MKII BARE	£119.95
VIPER 28 MKII 2MB	£199.95
VIPER 28 MKII 4MB	£239.95
VIPER 28 MKII 8MB	£355.95
VIPER 28 MKII 16MB	£619.95
VIPER MKII SCSI ADAPTOR	£79.95

VIPER 50MHZ

The Viper 50 can have up to 128MB RAM installed, and the same features as the Viper 28.

VIPER 50 BARE	£199.95
VIPER 50 2MB	£279.95
VIPER 50 4MB	£325.95
VIPER 50 8MB	£435.95
VIPER 50 16MB	£649.95

CO-PROCESSOR

FPU's complete with crystal. Please state for Blizzard compatibility.

20MHZ FPU PLCC	£20.95
33MHZ FPU PLCC	£39.95
40MHZ FPU PLCC	£60.95
50MHZ FPU PGA	£89.95
SCSI-II INTERFACE (VIPER II ONLY)	£69.95
4MB SIMM	£125.95
8MB SIMM	£235.95

PC1208

A1200 8MB RAM card which uses 1 x 32 SIMMs and is PCMCIA friendly.

PC1208 BARE	£55.95
PC1208 1MB	£85.95
PC1208 2MB	£129.95
PC1208 4MB	£179.95
PC1208 8MB	£299.95

WARP ENGINES

WARP ENGINES	£POA

FOR ORDER FORM SEE DPS ADVERT

TEL: 01234 273000 FAX: 01234 352207

POWER COMPUTING LTD 44A/B STANLEY ST. BEDFORD MK41 7RW

POWER.

ALL PRICES INCLUDE VAT. SPECIFICATIONS AND PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL TRADEMARKS ARE ACKNOWLEDGED. ALL ORDERS IN WRITING OR BY TELEPHONE WILL BE ACCEPTED ONLY SUBJECT TO OUR TERMS AND CONDITIONS OF TRADE, COPIES OF WHICH ARE AVAILABLE FREE OF CHARGE ON REQUEST.

BREATHLESS

CATCH YOUR BREATH. IT MAY BE YOUR LAST...

AMIGA SUPERSTAR

AMIGA GOLD FORMAT

FREE DELIVERY
£29.99

"Breathless has boldly taken the Amiga where no Amiga has gone before." AMIGA FORMAT MAGAZINE

"At the moment there's nothing like it. This game plays as well as it looks" 92% CU AMIGA MAGAZINE

ORDER HOTLINE
01234 273000

256 AGA COLOURS • 3D RAYTRACED GRAPHICS • 360° FIRST PERSON PERSPECTIVE
20 AWESOME LEVELS • MULTIPLE WEAPONS SYSTEMS • REALISTIC LIGHTING EFFECTS
ATMOSPHERIC SOUND & MUSIC • HD INSTALLABLE • AVAILABLE FOR THE A1200/4000

POWER COMPUTING LTD 44A/B STANLEY ST. BEDFORD MK41 7RW

PLEASE RUSH ME A COPY OF 'BREATHLESS'

NAME

ADDRESS

TEL NO.

I ENCLOSE A CHEQUE/PO FOR £

POSTCARD

PLEASE MAKE CHEQUES PAYABLE TO POWER COMPUTING LTD